Com Cc Visa Filetype Txt Ebook And Manual

With the advent of rich Internet applications, the explosion of social media, and the increased use of powerful cloud computing infrastructures, a new generation of attackers has added cunning new techniques to its arsenal. For anyone involved in defending an application or a network of systems, Hacking: The Next Generation is one of the few books to identify a variety of emerging attack vectors. You'll not only find valuable information on new hacks that attempt to exploit technical flaws, you'll also learn how attackers take advantage of individuals via social networking sites, and abuse vulnerabilities in wireless technologies and cloud infrastructures. Written by seasoned Internet security professionals, this book helps you understand the motives and psychology of hackers behind these attacks, enabling you to better prepare and defend against them. Learn how "inside out" techniques can poke holes into protected networks Understand the new wave of "blended threats" that take advantage of multiple application vulnerabilities to steal corporate data Recognize weaknesses in today's powerful cloud infrastructures and how they can be exploited Prevent attacks against the mobile workforce and their devices containing valuable data Be aware of attacks via social networking sites to obtain confidential information from executives and their assistants Get case studies that show how several layers of vulnerabilities can be used to compromise multinational corporations

Detect fraud faster—no matter how well hidden—with IDEA automation Fraud and Fraud Detection takes an advanced approach to fraud management, providing step-by-step guidance on automating detection and forensics using CaseWare's IDEA software. The book begins by reviewing the major types of fraud, then details the specific computerized tests that can detect them. Readers will learn to use complex data analysis techniques, including automation scripts, allowing easier and more sensitive detection of anomalies that require further review. The companion website provides access to a demo version of IDEA, along with sample scripts that allow readers to immediately test the procedures from the book. Business systems' electronic databases have grown tremendously with the rise of big data, and will continue to increase at significant rates. Fraudulent transactions are easily hidden in these enormous datasets, but Fraud and Fraud Detection helps readers gain the data analytics skills that can bring these anomalies to light. Step-by-step instruction and practical advice provide the specific abilities that will enhance the audit and investigation process. Readers will learn to: Understand the different areas of fraud and their specific detection methods Identify anomalies and risk areas using computerized techniques Develop a step-by-step plan for detecting fraud through data analytics Utilize IDEA software to automate detection and identification procedures The delineation of detection techniques for each type of fraud makes this book a must-have for students and new fraud prevention professionals, and the step-by-step guidance to automation and complex analytics will prove useful for even experienced examiners. With datasets growing exponentially, increasing both the speed and sensitivity of detection helps fraud professionals stay ahead of the game. Fraud and Fraud Detection is a guide to more efficient, more effective fraud identification.

The Anarchist CookbookLulu.com

How will governments and courts protect civil liberties in this new era of hacktivism? Ethical Hacking discusses the attendant moral and legal issues. The first part of the 21st century will likely go down in history as the era when ethical hackers opened governments and the line of transparency moved by force. One need only read the motto "we open governments" on the Twitter page for Wikileaks to gain a sense of the sea change that has occurred. Ethical hacking is the non-violent use of a technology in pursuit of a cause—political or otherwise—which is often legally and morally ambiguous. Hacktivists believe in two general but spirited principles: respect for human rights and fundamental freedoms, including freedom of expression and personal privacy; and the responsibility of government to be open, transparent and fully accountable to the public. How courts and governments will deal with hacking attempts which operate in a grey zone of the law and where different ethical views collide remains to be seen. What is undisputed is that Ethical Hacking presents a fundamental discussion of key societal questions. A fundamental discussion of key societal questions. This book is published in English. - La première moitié du XXIe siècle sera sans doute reconnue comme l'époque où le piratage éthique a ouvert de force les gouvernements, déplaçant les limites de la transparence. La page twitter de Wikileaks enchâsse cet ethos à même sa devise, « we open governments », et sa volonté d'être omniprésent. En parallèle, les grandes sociétés de technologie comme Apple se font compétition pour produire des produits de plus en plus sécuritaires et à protéger les données de leurs clients, alors même que les gouvernements tentent de limiter et de décrypter ces nouvelles technologies d'encryption. Entre-temps, le marché des vulnérabilités en matière de sécurité augmente à mesure que les experts en sécurité informatique vendent des vulnérabilités de logiciels des grandes technologies, dont Apple et Google, contre des sommes allant de 10 000 à 1,5 million de dollars. L'activisme en sécurité est à la hausse. Le piratage éthique est l'utilisation non-violence d'une technologie quelconque en soutien d'une cause politique ou autre qui est souvent ambigue d'un point de vue juridique et moral. Le hacking éthique peut désigner les actes de vérification de pénétration professionnelle ou d'experts en sécurité informatique, de même que d'autres formes d'actions émergentes, comme l'hacktivisme et la désobéissance civile en ligne. L'hacktivisme est une forme de piratage éthique, mais également une forme de militantisme des droits civils à l'ère numérique. En principe, les adeptes du hacktivisme croient en deux grands principes : le respect des droits de la personne et les libertés fondamentales, y compris la liberté d'expression et à la vie privée, et la responsabilité des gouvernements d'être ouverts, transparents et pleinement redevables au public. En pratique, toutefois, les antécédents comme les agendas des hacktivistes sont fort diversifiés. Il n'est pas clair de quelle façon les tribunaux et les gouvernements traiteront des tentatives de piratage eu égard aux zones grises juridiques, aux approches éthiques conflictuelles, et compte tenu du fait qu'il n'existe actuellement, dans le monde, presque aucune exception aux provisions, en matière de cybercrime et de crime informatique, liées à la recherche sur la sécurité ou l'intérêt public. Il sera également difficile de déterminer le lien entre hacktivisme et droits civils. Ce livre est publié en anglais.

Violent Python shows you how to move from a theoretical understanding of offensive computing concepts to a practical implementation. Instead of relying on another attacker's tools, this book will teach you to forge your own weapons using the Python programming language. This book demonstrates how to write Python scripts to automate large-scale network attacks, extract metadata, and investigate forensic artifacts. It also shows how to write code to intercept and analyze network traffic using Python, craft and spoof wireless frames to attack wireless and Bluetooth devices, and how to data-mine popular social media websites and evade modern anti-virus. Demonstrates how to write Python scripts to automate large-scale network attacks, extract metadata, and investigate forensic artifacts Write code to intercept and analyze network traffic using Python. Craft and spoof wireless frames to attack wireless and Bluetooth devices Data-mine popular social media websites and evade modern anti-virus

Statistical Rethinking: A Bayesian Course with Examples in R and Stan builds readers' knowledge of and confidence in statistical modeling. Reflecting the need for even minor programming in today's model-based statistics, the book pushes readers to perform step-by-step calculations that are usually automated. This unique computational approach ensures that readers understand enough of the details to make reasonable choices and interpretations in their own modeling work. The text presents generalized linear multilevel models from a Bayesian perspective, relying on a simple logical interpretation of Bayesian probability and maximum entropy. It covers from the basics of regression to multilevel models. The author also discusses measurement error, missing data, and Gaussian process models for spatial and network autocorrelation. By using complete R code examples throughout, this book provides a practical foundation for performing statistical inference. Designed for both PhD students and seasoned professionals in the natural and social sciences, it prepares them for more advanced or specialized statistical modeling. Web Resource The book is accompanied by an R package (rethinking) that is available on the author's website and GitHub. The two core functions (map and map2stan) of this package allow a variety of statistical models to be constructed from standard model formulas.

Twelve Years a Slave (1853) is a memoir and slave narrative by Solomon Northup, as told to and edited by David Wilson. Northup, a black man who was born free in New York, details his kidnapping in Washington, D.C. and subsequent sale into slavery. After having been kept in bondage for 12 years in Louisiana by various masters, Northup was able to write to friends and family in New York, who were in turn able to secure his release. Northup's account provides extensive details on the slave markets in Washington, D.C. and New Orleans and describes at length cotton and sugar cultivation on major plantations in Louisiana.

The Anarchist Cookbook will shock, it will disturb, it will provoke. It places in historical perspective an era when "Turn on, Burn down, Blow up" are revolutionary slogans of the day. Says the author" "This book... is not written for the members of fringe political groups, such as the Weatherman, or The Minutemen. Those radical groups don't need this book. They already know everything that's in here. If the real people of America, the silent majority, are going to survive, they must educate themselves. That is the purpose of this book." In what the author considers a survival guide, there is explicit information on the uses and effects of drugs, ranging from pot to heroin to peanuts. There i detailed advice concerning electronics, sabotage, and surveillance, with data on everything from bugs to scramblers. There is a comprehensive chapter on natural, non-lethal, and lethal weapons, running the gamut from cattle prods to sub-machine guns to bows and arrows.

This is a print on demand edition of a hard to find publication. Explores whether sufficient data exists to examine the temporal and spatial relationships that existed in terrorist group planning, and if so, could patterns of preparatory conduct be identified? About one-half of the terrorists resided, planned, and prepared for terrorism relatively close to their eventual target. The terrorist groups existed for 1,205 days from the first planning meeting to the date of the actual/planned terrorist incident. The planning process for specific acts began 2-3 months prior to the terrorist incident. This study examined selected terrorist groups/incidents in the U.S. from 1980-2002. It provides for the potential to identify patterns of conduct that might lead to intervention prior to the commission of the actual terrorist incidents. Illustrations.

The second edition of this best-selling Python book (over 500,000 copies sold!) uses Python 3 to teach even the technically uninclined how to write programs that do in minutes what would take hours to do by hand. There is no prior programming experience required and the book is loved by liberal arts majors and geeks alike. If you've ever spent hours renaming files or updating hundreds of spreadsheet cells, you know how tedious tasks like these can be. But what if you could have your computer do them for you? In this fully revised second edition of the best-selling classic Automate the Boring Stuff with Python, you'll learn how to use Python to write programs that do in minutes what would take you hours to do by hand--no prior programming experience required. You'll learn the basics of Python and explore Python's rich library of modules for performing specific tasks, like scraping data off websites, reading PDF and Word documents, and automating clicking and typing tasks. The second edition of this international fan favorite includes a brand-new chapter on input validation, as well as tutorials on automating Gmail and Google Sheets, plus tips on automatically updating CSV files. You'll learn how to create programs that effortlessly perform useful feats of automation to: • Search for text in a file or across multiple files • Create, update, move, and rename files and folders • Search the Web and download online content • Update and format data in Excel spreadsheets of any size • Split, merge, watermark, and encrypt PDFs • Send email responses and text notifications • Fill out online forms Step-by-step instructions walk you through each program, and updated practice projects at the end of each chapter challenge you to improve those programs and use your newfound skills to automate similar tasks. Don't spend your time doing work a well-trained monkey could do. Even if you've never written a line of code, you can make your computer do the grunt work. Learn how in Automate the Boring Stuff with Python, 2nd Edition.

'A writer of virtuostic talents who can seemingly do anything' New York Times 'Wallace is a superb comedian of culture . . . his exuberance and intellectual impishness are a delight' James Wood, Guardian 'He induces the kind of laughter which, when read in bed with a sleeping partner, wakes said sleeping partner up . . . He's damn good' Nicholas Lezard, Guardian 'One of the best books about addiction and recovery to appear in recent memory' Sunday Times Somewhere in the not-so-distant future the residents tf of Ennet House, a Boston halfway house for recovering addicts, and students at the nearby Enfield Tennis Academy are ensnared in the search for the master copy of Infinite Jest, a movie said to be so dangerously entertaining its viewers become entranced and expire in a state of catatonic bliss . . .

The Canadian edition of The Little Black Book of Scams is a compact and easy to use reference guide filled with information Canadians can use to protect themselves against a variety of common scams. It debunks common myths about scams, provides contact information for reporting a scam to the correct authority, and offers a step-by-step guide for scam victims to reduce their losses and avoid becoming repeat victims. Consumers and businesses can consult The Little Black Book of Scams to avoid falling victim to social media and mobile phone scams, fake charities and lotteries, dating and romance scams, and many other schemes used to defraud Canadians of their money and personal information.

From the Orange Prize-winning author of 'Half of a Yellow Sun' come twelve dazzling stories that turn a penetrating eye on the ties that bind men and women, parents and children, Nigeria and the West.

The world's most infamous hacker offers an insider's view of the low-tech threats to high-tech security Kevin Mitnick's exploits as a cyber-desperado and fugitive form one of the most exhaustive FBI manhunts in history and have spawned dozens of articles, books, films, and documentaries. Since his release from federal prison, in 1998, Mitnick has turned his life around and established himself as one of the most sought-after computer security experts worldwide. Now, in The Art of Deception, the world's most notorious hacker gives new meaning to the old adage, "It takes a thief to catch a thief." Focusing on the human factors involved with information security, Mitnick explains why all the firewalls and encryption protocols in the world will never be enough to stop a savvy grifter intent on rifling a corporate database or an irate employee determined to crash a system. With the help of many fascinating true stories of successful attacks on business and government, he illustrates just how susceptible even the most locked-down information systems are to a slick con artist impersonating an IRS agent. Narrating from the points of view of both the attacker and the victims, he explains why each attack was so successful and how it could have been prevented in an engaging and highly readable style reminiscent of a true-crime novel. And, perhaps most importantly, Mitnick offers advice for preventing these types of social engineering hacks through security protocols, training programs, and manuals that address the human element of security.

Summary Amazon Web Services in Action, Second Edition is a comprehensive introduction to computing, storing, and networking in the AWS cloud. You'll find clear, relevant coverage of all the essential AWS services you to know, emphasizing best practices for security, high availability and scalability. Foreword by Ben Whaley, AWS community hero and author. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology The largest and most mature of the cloud platforms, AWS offers over 100 prebuilt services, practically limitless compute resources, bottomless secure storage, as well as top-notch automation capabilities. This book shows you how to develop, host, and manage applications on AWS. About the Book Amazon Web Services in Action, Second Edition is a comprehensive introduction to deploying web applications in the AWS cloud. You'll find clear, relevant coverage of all essential AWS services, with a focus on automation, security, high availability, and scalability. This thoroughly revised edition covers the latest additions to AWS, including serverless infrastructure with AWS Lambda, sharing data with EFS, and in-memory storage with ElastiCache. What's inside Completely revised bestseller Secure and scale distributed applications Deploy applications on AWS Design for failure to achieve high availability Automate your infrastructure About the Reader Written for mid-level developers and DevOps engineers. About the Author Andreas Wittig and Michael Wittig are software engineers and DevOps consultants focused on AWS. Together, they migrated the first bank in Germany to AWS in 2013. Table of Contents PART 1 - GETTING STARTED What is Amazon Web Services? A simple example: WordPress in five minutes PART 2 - BUILDING VIRTUAL INFRASTRUCTURE CONSISTING OF COMPUTERS AND NETWORKING Using virtual machines: EC2 Programming your infrastructure: The command-line, SDKs, and CloudFormation Automating deployment: CloudFormation, Elastic Beanstalk, and OpsWorks Securing your system: IAM, security groups, and VPC Automating operational tasks with Lambda PART 3 - STORING DATA IN THE CLOUD Storing your objects: S3 and Glacier Storing data on hard drives: EBS and instance store Sharing data volumes between machines: EFS Using a relational database service: RDS Caching data in memory: Amazon ElastiCache Programming for the NoSQL database service: DynamoDB PART 4 - ARCHITECTING ON AWS Achieving high availability: availability zones, auto-scaling, and CloudWatch Decoupling your infrastructure: Elastic Load Balancing and Simple Queue Service Designing for fault tolerance Scaling up and down: auto-scaling and CloudWatch

Regulatory and industry-specific requirements, such as SOX, Visa PCI, HIPAA, and so on, require that sensitive data must be stored securely and protected against unauthorized access or modifications. Several of the requirements state that data must be encrypted. IBM® i5/OS® offers several options that allow customers to encrypt data in the database tables. However, encryption is not a trivial task. Careful planning is essential for successful implementation of data encryption project. In the worst case, you would not be able to retrieve clear text information from encrypted data. This IBM Redbooks® publication is designed to help planners, implementers, and programmers by providing three key pieces of information: Part 1, "Introduction to data encryption" on page 1, introduces key concepts, terminology, algorithms, and key management. Understanding these is important to follow the rest of the book. If you are already familiar with the general concepts of cryptography and the data encryption aspect of it, you may skip this part. Part 2, "Planning for data encryption" on page 37, provides critical information for planning a data encryption project on i5/OS. Part 3, "Implementation of data encryption" on page 113, provides various implementation scenarios with a step-by-step guide.

This engaging and clearly written textbook/reference provides a must-have introduction to the rapidly emerging interdisciplinary field of data science. It focuses on the principles fundamental to becoming a good data scientist and the key skills needed to build systems for collecting, analyzing, and interpreting data. The Data Science Design Manual is a source of practical insights that highlights what really matters in analyzing data, and provides an intuitive understanding of how these core concepts can be used. The book does not emphasize any particular programming language or suite of data-analysis tools, focusing instead on high-level discussion of important design principles. This easy-to-read text ideally serves the needs of undergraduate and early graduate students embarking on an "Introduction to Data Science" course. It reveals how this discipline sits at the intersection of statistics, computer science, and machine learning, with a distinct heft and character of its own. Practitioners in these and related fields will find this book perfect for self-study as well. Additional learning tools: Contains "War Stories," offering perspectives on how data science applies in the real world Includes "Homework Problems," providing a wide range of exercises and projects for self-study Provides a complete set of lecture slides and online video lectures at www.data-manual.com Provides "Take-Home Lessons," emphasizing the big-picture concepts to learn from each chapter Recommends exciting "Kaggle Challenges" from the online

platform Kaggle Highlights "False Starts," revealing the subtle reasons why certain approaches fail Offers examples taken from the data science television show "The Quant Shop" (www.quant-shop.com)

Introduces young readers to Catholic beliefs as expressed in the Catechism of the Catholic Church.

Cuts to the heart of our strange behaviour, demonstrating how irrationality often supplants rational thought and that the reason for this is embedded in the very structure of our minds.

16 MILLION COPIES SOLD 'A book to read, to cherish, to debate, and one that will ultimately keep the memories of the victims alive' John Boyne, author of The Boy in the Striped Pyjamas A prominent Viennese psychiatrist before the war, Viktor Frankl was uniquely able to observe the way that both he and others in Auschwitz coped (or didn't) with the experience. He noticed that it was the men who comforted others and who gave away their last piece of bread who survived the longest - and who offered proof that everything can be taken away from us except the ability to choose our attitude in any given set of circumstances. The sort of person the concentration camp prisoner became was the result of an inner decision and not of camp influences alone. Frankl came to believe man's deepest desire is to search for meaning and purpose. This outstanding work offers us all a way to transcend suffering and find significance in the art of living.

Software developers need to worry about security as never before. They need clear guidance on safe coding practices, and that's exactly what this book delivers. The book does not delve deep into theory, or rant about the politics of security. Instead, it clearly and simply lays out the most common threats that programmers need to defend against. It then shows programmers how to make their defense. The book takes a broad focus, ranging over SQL injection, worms and buffer overflows, password security, and more. It sets programmers on the path towards successfully defending against the entire gamut of security threats that they might face.

INSTANT NEW YORK TIMES BESTSELLER "One of the most important books I've ever read—an indispensable guide to thinking clearly about the world." – Bill Gates "Hans Rosling tells the story of 'the secret silent miracle of human progress' as only he can. But Factfulness does much more than that. It also explains why progress is so often secret and silent and teaches readers how to see it clearly." —Melinda Gates "Factfulness by Hans Rosling, an outstanding international public health expert, is a hopeful book about the potential for human progress when we work off facts rather than our inherent biases." - Former U.S. President Barack Obama Factfulness: The stress-reducing habit of only carrying opinions for which you have strong supporting facts. When asked simple questions about global trends—what percentage of the world's population live in poverty; why the world's population is increasing; how many girls finish school—we systematically get the answers wrong. So wrong that a chimpanzee choosing answers at random will consistently outguess teachers, journalists, Nobel laureates, and investment bankers. In Factfulness, Professor of International Health and global TED phenomenon Hans Rosling, together with his two long-time collaborators, Anna and Ola, offers a radical new explanation of why this happens. They reveal the ten instincts that distort our perspective—from our tendency to divide the world into two camps (usually some version of us and them) to the way we consume media (where fear rules) to how we perceive progress (believing that most things are getting worse). Our problem is that we don't know what we don't know, and even our guesses are informed by unconscious and predictable biases. It turns out that the world, for all its imperfections, is in a much better state than we might think. That doesn't mean there aren't real concerns. But when we worry about everything all the time instead of embracing a worldview based on facts, we can lose our ability to focus on the things that threaten us most. Inspiring and revelatory, filled with lively anecdotes and moving stories, Factfulness is an urgent and essential book that will change the way you see the world and empower you to respond to the crises and opportunities of the future. --- "This book is my last battle in my life-long mission to fight devastating ignorance...Previously I armed myself with huge data sets, eye-opening software, an energetic learning style and a Swedish bayonet for sword-swallowing. It wasn't enough. But I hope this book will be." Hans Rosling, February 2017.

Take the guesswork out of using regular expressions. With more than 140 practical recipes, this cookbook provides everything you need to solve a wide range of real-world problems. Novices will learn basic skills and tools, and programmers and experienced users will find a wealth of detail. Each recipe provides samples you can use right away. This revised edition covers the regular expression flavors used by C#, Java, JavaScript, Perl, PHP, Python, Ruby, and VB.NET. You'll learn powerful new tricks, avoid flavor-specific gotchas, and save valuable time with this huge library of practical solutions. Learn regular expressions basics through a detailed tutorial Use code listings to implement regular expressions with your language of choice Understand how regular expressions differ from language to language Handle common user input with recipes for validation and formatting Find and manipulate words, special characters, and lines of text Detect integers, floating-point numbers, and other numerical formats Parse source code and process log files Use regular expressions in URLs, paths, and IP addresses Manipulate HTML, XML, and data exchange formats Discover little-known regular expression tricks and techniques

The Construction Chart Book presents the most complete data available on all facets of the U.S. construction industry: economic, demographic, employment/income, education/training, and safety and health issues. The book presents this information in a series of 50 topics, each with a description of the subject matter and corresponding charts and graphs. The contents of The Construction Chart Book are relevant to owners, contractors, unions, workers, and other organizations affiliated with the construction industry, such as health providers and workers compensation insurance companies, as well as researchers, economists, trainers, safety and health professionals, and industry observers.

Nkem is living a life of wealth and security in America, until she discovers that her husband is keeping a girlfriend back home in Nigeria. In this high-intensity story of passion and the masks we all wear, Chimamanda Ngozi Adichie, author of the acclaimed novels Half of a Yellow Sun and Americanah and winner of the Orange Prize and the National Book Critics Circle Award, explores the ties that bind men and women, parents and children, Africa and the United States. "Imitation" is a selection from Adichie's collection The Thing Around Your Neck. An eBook short.

The world's most portable communications software, C-Kermit runs on computers ranging from desktop PCs to colossal supercomputers as a serial and modem communications package as well as a TCP/IP network client and server. It offers automatic dialing, terminal sessions, fast and reliable file transfer, a powerful script programming language, and international character-set translation-all in a consistent, cross-platform manner. Using C-Kermit: Communication Software, Second Edition is the new and definitve reference for C-Kermit 6.0, expanded and updated to describe fully all of its new features with brand-new tutorials on today's high-speed modems and how to get the most out of them. Some

noteworthy features of this reference are: - The most sophisticated discussion of modems, telephones numbers, dialing directories, and dialing available anywhere - New techniques for achieving faster and faster file transfer - A new chapter on external protocols such as XMODEM, YMODEM, and ZMODEM - Expanded coverage of TCP/IP, X.25, DECnet, NETBIOS, and other networks - Automatic client/server features - Support for many new platforms - most notably Windows 95, Windows NT, and Stratus VOS - Support for many new character sets - Massive improvements in the power and usability of the script language Like the first edition, the second edition of Using C-Kermit includes complete reference material: character tables, tables of escape sequences, an "acronym decoder," an excellent index, and an extensive bibliography. Frank da Cruz is manager of Communications Software Development at Columbia University. He was the leader of the group that invented the Kermit file transfer protocol and wrote the first Kermit programs. He is the author of Kermit, A File Transfer Protocol, published by Digital Press. Christine M. Gianone is manager of the Kermit Project at Columbia University. She was a major contributor to the design of the Kermit file transfer protocol and to the design of MS-DOS Kermit and C-Kermit. She is the author of Using MS-DOS Kermit, published by Digital Press. Frank and Christine "are" Kermit: they manage all of the functions of the Kermit group at Columbia, from helping users to putting out new products. Describes the most sophisticated and flexible handling of modems, telephone numbers, dialing directories, and dialing available anywhere Covers new techniques for achieving faster file transfers Explains support for many new platforms, most notably Windows 95, Windows NT and Stratus VOS
Bitcoin and Cryptocurrency Technologies provides a comprehensive introduction to the revolutionary yet often misunderstood new technologies of digital currency. Whether you are a student, software developer, tech entrepreneur, or researcher in computer science, this authoritative and self-contained book tells you everything you need to know about the new global money for the Internet age. How do Bitcoin and its block chain actually work? How secure are your bitcoins? How anonymous are their users? Can cryptocurrencies be regulated? These are some of the many questions this book answers. It begins by tracing the history and development of Bitcoin and cryptocurrencies, and then gives the conceptual and practical foundations you need to engineer secure software that interacts with the Bitcoin network as well as to integrate ideas from Bitcoin into your own projects. Topics include decentralization, mining, the politics of Bitcoin, altcoins and the cryptocurrency ecosystem, the future of Bitcoin, and more. An essential introduction to the new technologies of digital currency Covers the history and mechanics of Bitcoin and the block chain, security, decentralization, anonymity, politics and regulation, altcoins, and much more Features an accompanying website that includes instructional videos for each chapter, homework problems, programming assignments, and lecture slides Also suitable for use with the authors' Coursera online course Electronic solutions manual (available only to professors)
Provides a collection of tips on fixing annoyances found in Microsoft Access, covering such topics as performance, security, database design, queries, forms, page layout, macros, and expressions.
This bestselling resource identifies seven common traits that show up again and again among those who have accumulated wealth. The new edition, the first since 1998, includes a new Foreword for the 21st century by Dr. Stanley. The only tie-in book for USA's award-winning series MR. ROBOT, Elliot's journal—Red Wheelbarrow—is written by show creator Sam Esmail and show writer Courtney Looney. Before and during the events of season two, Elliot recorded his most private thoughts in this journal—and now you can hold this piece of the series in your hands. Experience Elliot's battles to gain control of his life and his struggles to survive increasingly dangerous circumstances, in a brand-new story rendered in his own words. The notebook also holds seven removable artifacts—a ripped-out page, a newspaper clipping, a mysterious envelope, and more—along with sketches throughout the book. You'll discover the story behind MR. ROBOT season two and hints of what is to come. This book is the ultimate journey into the world of the show—and a key to hacking the mind of its main character. MR. ROBOT is a psychological thriller that follows Elliot (Rami Malek, The Pacific), a young programmer, who works as a cyber-security engineer by day and as a vigilante hacker by night. Elliot finds himself at a crossroads when the mysterious leader (Christian Slater, Adderall Diaries) of an underground hacker group recruits him to destroy the firm he is paid to protect. Praise for MR. ROBOT: "Relentless, sensational, and unabashedly suspenseful" —The New York Times ". . . most narratively and visually daring drama series on television . . ." —Entertainment Weekly "Terrific" —The New Yorker "Sam Esmail is one of the most innovative creators to make his mark on television in a long time." —Rolling Stone "A modern classic" —Forbes "MR. ROBOT has the potential to be one of the defining shows of our age." —TIME "Brilliant" —The Huffington Post Golden Globe Awards for Best Television Series, Drama, and Best Performance by an Actor in a Supporting Role in a Series, Mini-Series or Motion Picture Made for Television (Christian Slater) Critics' Choice® Awards for Best Drama Series, Best Actor in a Drama Series (Rami Malek), and Best Supporting Actor in a Drama Series (Christian Slater) Emmy Award® for Outstanding Lead Actor in a Drama Series (Rami Malek) Five Emmy® nominations, including for Outstanding Drama Series
Professional resume and cover letter writers reveal their inside secrets for creating phenomenal cover letters that get attention and land interviews. Features more than 150 sample cover letters written for all types of job seekers, including the Before-and-After transformations that can make boring letters fabulous.
This paper marks the launch of a new IMF series, Fintech Notes. Building on years of IMF staff work, it will explore pressing topics in the digital economy and be issued periodically. The series will carry work by IMF staff and will seek to provide insight into the intersection of technology and the global economy. The Rise of Digital Money analyses how technology companies are stepping up competition to large banks and credit card companies. Digital forms of money are increasingly in the wallets of consumers as well as in the minds of policymakers. Cash and bank deposits are battling with so-called e-money, electronically stored monetary value denominated in, and pegged to, a currency like the euro or the dollar. This paper identifies the benefits and risks and highlights regulatory issues that are likely to emerge with a broader adoption of stablecoins. The paper also highlights the risks associated with e-money: potential creation of new

monopolies; threats to weaker currencies; concerns about consumer protection and financial stability; and the risk of fostering illegal activities, among others.

SHORTLISTED FOR THE BOOKER PRIZE An award-winning, thrillingly provocative international bestseller - adapted to a major motion picture starring Riz Ahmed and Kiefer Sutherland - from the author of Exit West 'Excuse me, sir, but may I be of assistance? Ah, I see I have alarmed you. Do not be frightened by my beard. I am a lover of America . . . ' So speaks the mysterious stranger at a Lahore cafe as dusk settles. Invited to join him for tea, you learn his name and what led this speaker of immaculate English to seek you out. For he is more worldly than you might expect; better travelled and better educated. He knows the West better than you do. And as he tells you his story, of how he embraced the Western dream -- and a Western woman -- and how both betrayed him, so the night darkens. Then the true reason for your meeting becomes abundantly clear . . . Challenging, mysterious and thrillingly tense, Mohsin Hamid's masterly The Reluctant Fundamentalist is a vital read teeming with questions and ideas about some of the most pressing issues of today's globalised, fractured world. PRAISE FOR THE RELUCTANT FUNDAMENTALIST: 'Beautifully written . . . more exciting than any thriller I've read for a long time' Philip Pullman 'Admirably spare and amazingly exciting' Rachel Cooke, New Statesman 'Sharp, relevant, impressively intelligent . . . entertains at the same time as it makes you think' Daily Telegraph 'A cleverly constructed fable of infatuation and disenchantment . . . Intelligent and highly engaging, genuinely provocative' Guardian 'A brilliant book' Kiran Desai 'Prods the intellect, quickens the pace and captures the imagination' Sunday Times

I decided to write this book for a couple of reasons. One was that I've now written a couple of books that have to do with incident response and forensic analysis on Windows systems, and I used a lot of Perl in both books. Okay...I'll come clean...I used nothing but Perl in both books! What I've seen as a result of this is that many readers want to use the tools, but don't know how...they simply aren't familiar with Perl, with interpreted (or scripting) languages in general, and may not be entirely comfortable with running tools at the command line. This book is intended for anyone who has an interest in useful Perl scripting, in particular on the Windows platform, for the purpose of incident response, and forensic analysis, and application monitoring. While a thorough grounding in scripting languages (or in Perl specifically) is not required, it helpful in fully and more completely understanding the material and code presented in this book. This book contains information that is useful to consultants who perform incident response and computer forensics, specifically as those activities pertain to MS Windows systems (Windows 2000, XP, 2003, and some Vista). My hope is that not only will consultants (such as myself) find this material valuable, but so will system administrators, law enforcement officers, and students in undergraduate and graduate programs focusing on computer forensics. *Perl Scripting for Live Response Using Perl, there's a great deal of information you can retrieve from systems, locally or remotely, as part of troubleshooting or investigating an issue. Perl scripts can be run from a central management point, reaching out to remote systems in order to collect information, or they can be "compiled" into standalone executables using PAR, PerlApp, or Perl2Exe so that they can be run on systems that do not have ActiveState's Perl distribution (or any other Perl distribution) installed. *Perl Scripting for Computer Forensic Analysis Perl is an extremely useful and powerful tool for performing computer forensic analysis. While there are applications available that let an examiner access acquired images and perform some modicum of visualization, there are relatively few tools that meet the specific needs of a specific examiner working on a specific case. This is where the use of Perl really shines through and becomes apparent. *Perl Scripting for Application Monitoring Working with enterprise-level Windows applications requires a great deal of analysis and constant monitoring. Automating the monitoring portion of this effort can save a great deal of time, reduce system downtimes, and improve the reliability of your overall application. By utilizing Perl scripts and integrating them with the application technology, you can easily build a simple monitoring framework that can alert you to current or future application issues.

Windows Registry Forensics provides the background of the Windows Registry to help develop an understanding of the binary structure of Registry hive files. Approaches to live response and analysis are included, and tools and techniques for postmortem analysis are discussed at length. Tools and techniques are presented that take the student and analyst beyond the current use of viewers and into real analysis of data contained in the Registry, demonstrating the forensic value of the Registry. Named a 2011 Best Digital Forensics Book by InfoSec Reviews, this book is packed with real-world examples using freely available open source tools. It also includes case studies and a CD containing code and author-created tools discussed in the book. This book will appeal to computer forensic and incident response professionals, including federal government and commercial/private sector contractors, consultants, etc. Named a 2011 Best Digital Forensics Book by InfoSec Reviews Packed with real-world examples using freely available open source tools Deep explanation and understanding of the Windows Registry – the most difficult part of Windows to analyze forensically Includes a CD containing code and author-created tools discussed in the book

With a new evolutionary theme, Petri's book covers the biological, behavioral, and cognitive explanations for human motivation. The advantages and drawbacks to each of these explanations are presented, allowing students to draw their own conclusions. Students want to know why they behave the way they do. To help students understand the processes that activate their behavior, Petri uses examples drawn from such contemporary topics as sexual behavior, aggression, eating disorders, and obesity to capture and keep students interested. To help students master and retain the information covered, this edition builds upon the text's simple and direct language with expanded pedagogy including preview questions at the beginning of every chapter, end of chapter summaries, key terms, Web links, and suggestions for further reading.

In a 2009 study of the debt collection industry, the Commission concluded that the "most significant change in the debt collection business in recent years has been the advent and growth of debt buying." "Debt buying" refers to the sale of

debt by creditors or other debt owners to buyers that then attempt to collect the debt or sell it to other buyers. Debt buying can reduce the losses that creditors incur in providing credit, thereby allowing creditors to provide more credit at lower prices. Debt buying, however, also may raise significant consumer protection concerns.The FTC receives more consumer complaints about debt collectors, including debt buyers, than about any other single industry. Many of these complaints appear to have their origins in the quantity and quality of information that collectors have about debts. In its 2009 study, the Commission expressed concern that debt collectors, including debt buyers, may have insufficient or inaccurate information when they collect on debts, which may result in collectors seeking to recover from the wrong consumer or recover the wrong amount.The FTC initiated this debt buyer study in late 2009 for two main purposes. First, the FTC sought to obtain a better understanding of the debt buying market and the process of buying and selling debt. Second, the Commission wanted to explore the nature and extent of the relationship, if any, between the practice of debt buying and the types of information problems that the FTC has found can occur when debt collectors seek to recover and verify debts.Many stakeholders recognize the concerns that have been raised about debt buying, including consumer groups, members of Congress, federal and state regulatory and enforcement agencies, and the debt buyer industry itself. Indeed, the debt buyer industry has launched a self-regulatory effort to address some of these concerns, and the FTC is encouraged by that effort. This study of debt buyers is the first large-scale empirical assessment of the debt buying sector of the collection industry. The FTC hopes that its findings contribute to a greater understanding of debt buying, enhance ongoing reform efforts, and prompt further study of the industry. To conduct its study, the Commission obtained information about debts and debt buying practices from nine of the largest debt buyers that collectively bought 76.1% of the debt sold in 2008, with six of these debt buyers providing the information the Commission used in most of its analysis. The FTC also considered its prior enforcement and policy work related to debt collection, as well as available research concerning debt buying. The study focused on large debt buyers because they account for most of the debt purchased; it did not address the practices of smaller debt buyers that are a frequent source of consumer protection concerns, a limitation that must be considered in evaluating the study's findings. The Commission acquired and analyzed an unprecedented amount of data from the studied debt buyers, which submitted data on more than 5,000 portfolios, containing nearly 90 million consumer accounts, purchased during the three-year study period. These accounts had a face value of $143 billion, and the debt buyers spent nearly $6.5 billion to acquire them. Most portfolios for which debt buyers submitted data were credit card debt, with such debt accounting for 62% of all portfolios and 71% of the total amount that the buyers spent to acquire debts. In addition to these data, the debt buyers provided copies of many purchase and sale agreements between themselves and sellers of debts. The debt buyers also submitted narrative responses to questions concerning their companies and their practices, as well as the debt buying industry. The key findings of the study are as follows:

While Excel remains ubiquitous in the business world, recent Microsoft feedback forums are full of requests to include Python as an Excel scripting language. In fact, it's the top feature requested. What makes this combination so compelling? In this hands-on guide, Felix Zumstein--creator of xlwings, a popular open source package for automating Excel with Python--shows experienced Excel users how to integrate these two worlds efficiently. Excel has added quite a few new capabilities over the past couple of years, but its automation language, VBA, stopped evolving a long time ago. Many Excel power users have already adopted Python for daily automation tasks. This guide gets you started. Use Python without extensive programming knowledge Get started with modern tools, including Jupyter notebooks and Visual Studio code Use pandas to acquire, clean, and analyze data and replace typical Excel calculations Automate tedious tasks like consolidation of Excel workbooks and production of Excel reports Use xlwings to build interactive Excel tools that use Python as a calculation engine Connect Excel to databases and CSV files and fetch data from the internet using Python code Use Python as a single tool to replace VBA, Power Query, and Power Pivot