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KEY=FROM - ANGELINA STEWART

PLACING THE SUSPECT BEHIND THE KEYBOARD

USING DIGITAL FORENSICS AND INVESTIGATIVE TECHNIQUES TO IDENTIFY CYBERCRIME SUSPECTS

Newnes **Placing the Suspect Behind the Keyboard** is the definitive book on conducting a complete investigation of a cybercrime using digital forensics techniques as well as physical investigative procedures. This book merges a digital analysis examiner's work with the work of a case investigator in order to build a solid case to identify and prosecute cybercriminals. Brett Shavers links traditional investigative techniques with high tech crime analysis in a manner that not only determines elements of crimes, but also places the suspect at the keyboard. This book is a first in combining investigative strategies of digital forensics analysis processes alongside physical investigative techniques in which the reader will gain a holistic approach to their current and future cybercrime investigations. Learn the tools and investigative principles of both physical and digital cybercrime investigations—and how they fit together to build a solid and complete case Master the techniques of conducting a holistic investigation that combines both digital and physical evidence to track down the "suspect behind the keyboard" The only book to combine physical and digital investigative techniques

CYBERCRIME CASE PRESENTATION

AN EXCERPT FROM PLACING THE SUSPECT BEHIND THE KEYBOARD

Newnes **Cybercrime Case Presentation** is a "first look" excerpt from Brett Shavers' new Syngress book, **Placing the Suspect Behind the Keyboard**. Case presentation requires the skills of a good forensic examiner and great public speaker in order to convey enough information to an audience for the audience to place the suspect behind the keyboard. Using a variety of visual aids, demonstrative methods, and analogies, investigators can effectively create an environment where the audience fully understands complex technical information and activity in a chronological fashion, as if they observed the case as it happened.

CYBERCRIME INVESTIGATION CASE STUDIES

AN EXCERPT FROM PLACING THE SUSPECT BEHIND THE KEYBOARD

Newnes **Cybercrime Investigation Case Studies** is a "first look" excerpt from Brett Shavers' new Syngress book, **Placing the Suspect Behind the Keyboard**. Case studies are an effective method of learning the methods and processes that were both successful and unsuccessful in real cases. Using a variety of case types, including civil and criminal cases, with different cybercrimes, a broad base of knowledge can be gained by comparing the cases against each other. The primary goal of reviewing successful cases involving suspects using technology to facilitate crimes is to be able to find and use the same methods in future cases. This "first look" teaches you how to place the suspect behind the keyboard using case studies.

CYBERCRIME INVESTIGATIVE CASE MANAGEMENT

AN EXCERPT FROM PLACING THE SUSPECT BEHIND THE KEYBOARD

Newnes **Investigative Case Management** is a "first look" excerpted from Brett Shavers' new Syngress book, **Placing the Suspect Behind the Keyboard**. Investigative case management is more than just organizing your case files. It includes the analysis of all evidence collected through digital examinations, interviews, surveillance, and other data sources. In

order to place a suspect behind any keyboard, supporting evidence needs to be collected and attributed to a person. This first look provides you with traditional and innovative methods of data analysis to identify and eliminate suspects through a combination of supporting methods of analysis.

CYBERCRIME INVESTIGATIVE CASE MANAGEMENT

AN EXCERPT FROM PLACING THE SUSPECT BEHIND THE KEYBOARD

HIDING BEHIND THE KEYBOARD

UNCOVERING COVERT COMMUNICATION METHODS WITH FORENSIC ANALYSIS

Syngress **Hiding Behind the Keyboard: Uncovering Covert Communication Methods with Forensic Analysis** exposes the latest electronic covert communication techniques used by cybercriminals, along with the needed investigative methods for identifying them. The book shows how to use the Internet for legitimate covert communication, while giving investigators the information they need for detecting cybercriminals who attempt to hide their true identity. Intended for practitioners and investigators, the book offers concrete examples on how to communicate securely, serving as an ideal reference for those who truly need protection, as well as those who investigate cybercriminals. Covers high-level strategies, what they can achieve, and how to implement them Shows discovery and mitigation methods using examples, court cases, and more Explores how social media sites and gaming technologies can be used for illicit communications activities Explores the currently in-use technologies such as TAILS and TOR that help with keeping anonymous online

X-WAYS FORENSICS PRACTITIONER'S GUIDE

Newnes **The X-Ways Forensics Practitioner's Guide** is more than a manual-it's a complete reference guide to the full use of one of the most powerful forensic applications available, software that is used by a wide array of law enforcement agencies and private forensic examiners on a daily basis. In the X-Ways Forensics Practitioner's Guide, the authors provide you with complete coverage of this powerful tool, walking you through configuration and X-Ways fundamentals, and then moving through case flow, creating and importing hash databases, digging into OS artifacts, and conducting searches. With X-Ways Forensics Practitioner's Guide, you will be able to use X-Ways Forensics to its fullest potential without any additional training. The book takes you from installation to the most advanced features of the software. Once you are familiar with the basic components of X-Ways, the authors demonstrate never-before-documented features using real life examples and information on how to present investigation results. The book culminates with chapters on reporting, triage and preview methods, as well as electronic discovery and cool X-Ways apps. Provides detailed explanations of the complete forensic investigation process using X-Ways Forensics. Goes beyond the basics: hands-on case demonstrations of never-before-documented features of X-Ways. Provides the best resource of hands-on information to use X-Ways Forensics.

WINDOWS 10

O'Reilly Media "Microsoft's last Windows version, the April 2018 Update, is a glorious Santa sack full of new features and refinements. What's still not included, though, is a single page of printed instructions. Fortunately, David Pogue is back to help you make sense of it all--with humor, authority, and 500 illustrations."--Page 4 of cover.

GUIDE TO COMPUTER FORENSICS AND INVESTIGATIONS

Cengage Learning **Master the skills you need to conduct a successful digital investigation with Nelson/Phillips/Steuart's GUIDE TO COMPUTER FORENSICS AND INVESTIGATIONS, Sixth Edition--the most comprehensive forensics resource available. Providing clear instruction on the tools and techniques of the trade, it walks you through every step of the computer forensics investigation--from lab setup to testifying in court. The authors also thoroughly explain how to use current forensics software. The text includes the most up-to-date coverage available of Linux and Macintosh, virtual machine software such as VMware and Virtual Box, Android, mobile devices, handheld devices, cloud forensics, email, social media and the Internet of Anything. Appropriate for learners new to the field, it is also an excellent refresher and technology update for professionals in law enforcement, investigations or computer security. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.**

DIALOGUE CONCERNING THE TWO CHIEF WORLD SYSTEMS, PTOLEMAIC AND COPERNICAN, SECOND REVISED EDITION

Univ of California Press **The book is primarily astronomical and philosophical in content, being concerned with the arguments for and against the motion of the earth. Galileo's discoveries and researches in astronomy -- the phases of Venus, the satellites of Jupiter, and the motion of sunspots -- share the main scenes with his cogent and derisive attacks upon Aristotle and his followers. The discussion of the Second Day contains many of Galileo's fundamental contributions to physics -- inertia, the laws of falling bodies, centrifugal force, and the pendulum -- as well as important historical steps in mathematics toward analytic geometry and calculus. Galileo's explanations, written in the infancy of modern science, can hardly fail to be understood today by both layman and scientist.**

IN COLD BLOOD

Transaction Publishers

NINETEEN EIGHTY-FOUR

epubli "Nineteen Eighty-Four: A Novel", often published as "1984", is a dystopian social science fiction novel by English novelist George Orwell. It was published on 8 June 1949 by Secker & Warburg as Orwell's ninth and final book completed in his lifetime. Thematically, "Nineteen Eighty-Four" centres on the consequences of totalitarianism, mass surveillance, and repressive regimentation of persons and behaviours within society. Orwell, himself a democratic socialist, modelled the authoritarian government in the novel after Stalinist Russia. More broadly, the novel examines the role of truth and facts within politics and the ways in which they are manipulated. The story takes place in an imagined future, the year 1984, when much of the world has fallen victim to perpetual war, omnipresent government surveillance, historical negationism, and propaganda. Great Britain, known as Airstrip One, has become a province of a totalitarian superstate named Oceania that is ruled by the Party who employ the Thought Police to persecute individuality and independent thinking. Big Brother, the leader of the Party, enjoys an intense cult of personality despite the fact that he may not even exist. The protagonist, Winston Smith, is a diligent and skillful rank-and-file worker and Outer Party member who secretly hates the Party and dreams of rebellion. He enters into a forbidden relationship with a colleague, Julia, and starts to remember what life was like before the Party came to power.

EXCEL HACKS

TIPS & TOOLS FOR STREAMLINING YOUR SPREADSHEETS

"O'Reilly Media, Inc." Millions of users create and share Excel spreadsheets every day, but few go deeply enough to learn the techniques that will make their work much easier. There are many ways to take advantage of Excel's advanced capabilities without spending hours on advanced study. Excel Hacks provides more than 130 hacks -- clever tools, tips and techniques -- that will leapfrog your work beyond the ordinary. Now expanded to include Excel 2007, this resourceful, roll-up-your-sleeves guide gives you little known "backdoor" tricks for several Excel versions using different platforms and external applications. Think of this book as a toolbox. When a need arises or a problem occurs, you can simply use the right tool for the job. Hacks are grouped into chapters so you can find what you need quickly, including ways to: Reduce workbook and worksheet frustration -- manage how users interact with worksheets, find and highlight information, and deal with debris and corruption. Analyze and manage data -- extend and automate these features, moving beyond the limited tasks they were designed to perform. Hack names -- learn not only how to name cells and ranges, but also how to create names that adapt to the data in your spreadsheet. Get the most out of PivotTables -- avoid the problems that make them frustrating and learn how to extend them. Create customized charts -- tweak and combine Excel's built-in charting capabilities. Hack formulas and functions -- subjects range from moving formulas around to dealing with datatype issues to improving recalculation time. Make the most of macros -- including ways to manage them and use them to extend other features. Use the enhanced capabilities of Microsoft Office 2007 to combine Excel with Word, Access, and Outlook. You can either browse through the book or read it from cover to cover, studying the procedures and scripts to learn more about Excel. However you use it, Excel Hacks will help you increase productivity and give you hours of "hacking" enjoyment along the way.

THE SUSPECT

Berkley Books The New York Times bestselling author of *The Widow* returns with a brand new novel of twisting psychological suspense about every parent's worst nightmare... When two eighteen-year-old girls go missing in Thailand, their families are thrust into the international spotlight: desperate, bereft, and frantic with worry. What were the girls up to before they disappeared? Journalist Kate Waters always does everything she can to be first to the story, first with the exclusive, first to discover the truth--and this time is no exception. But she can't help but think of her own son, whom she hasn't seen in two years, since he left home to go travelling. As the case of the missing girls unfolds, they will all find that even this far away, danger can lie closer to home than you might think...

REPORT OF THE SELECT COMMITTEE ON ASSASSINATIONS, U.S. HOUSE OF REPRESENTATIVES, NINETY-FIFTH CONGRESS, SECOND SESSION

FINDINGS AND RECOMMENDATIONS

BRAVING HIS PAST

AN AWAY FROM KEYBOARD ROMANTIC SUSPENSE STANDALONE

Pagecurl Publishing Graham Peck had his life planned out. Serve in the Coast Guard like the rest of his family. See the world. But an innocent New Year's kiss-with another man-leads to a vicious attack that forces him back into civilian life. A life he has no idea how to navigate. Until he hooks up with a group of deadly, battle-worn soldiers. They don't care who he loves-as long as he stays on mission. Quinton Silver can't make it down his front steps. Not since the man who was supposed to love him turned out to be a monster. Inside, hiding under an assumed name in a city halfway across the country from his deranged lover, he's safe. Even if he is alone. Desperation leads to a chance meeting, and while Graham and Quinton have every reason not to trust one another, they're drawn together by an unstoppable force

neither can control. Can they heal one another? Or will one wrong move lead Q's stalker right to his door? *Braving His Past* is book 8 in the award-winning *Away From Keyboard* series. This M/M romance features some sensitive themes, including recovery from assault and MST. While characters from other books in the series make appearances in this book, it can be read as a standalone.

DIGITAL TRIAGE FORENSICS

PROCESSING THE DIGITAL CRIME SCENE

Syngress Digital Triage Forensics: Processing the Digital Crime Scene provides the tools, training, and techniques in **Digital Triage Forensics (DTF)**, a procedural model for the investigation of digital crime scenes including both traditional crime scenes and the more complex battlefield crime scenes. The DTF is used by the U.S. Army and other traditional police agencies for current digital forensic applications. The tools, training, and techniques from this practice are being brought to the public in this book for the first time. Now corporations, law enforcement, and consultants can benefit from the unique perspectives of the experts who coined Digital Triage Forensics. The text covers the collection of digital media and data from cellular devices and SIM cards. It also presents outlines of pre- and post-blast investigations. This book is divided into six chapters that present an overview of the age of warfare, key concepts of digital triage and battlefield forensics, and methods of conducting pre/post-blast investigations. The first chapter considers how improvised explosive devices (IEDs) have changed from basic booby traps to the primary attack method of the insurgents in Iraq and Afghanistan. It also covers the emergence of a sustainable vehicle for prosecuting enemy combatants under the Rule of Law in Iraq as U.S. airmen, marines, sailors, and soldiers perform roles outside their normal military duties and responsibilities. The remaining chapters detail the benefits of DTF model, the roles and responsibilities of the weapons intelligence team (WIT), and the challenges and issues of collecting digital media in battlefield situations. Moreover, data collection and processing as well as debates on the changing role of digital forensics investigators are explored. This book will be helpful to forensic scientists, investigators, and military personnel, as well as to students and beginners in forensics. Includes coverage on collecting digital media Outlines pre- and post-blast investigations Features content on collecting data from cellular devices and SIM cards

CYBERCRIME CASE PRESENTATION

Cybercrime Case Presentation is a "first look" excerpt from Brett Shavers' new Syngress book, *Placing the Suspect Behind the Keyboard*. Case presentation requires the skills of a good forensic examiner and great public speaker in order to convey enough information to an audience for the audience to place the suspect behind the keyboard. Using a variety of visual aids, demonstrative methods, and analogies, investigators can effectively create an environment where the audience fully understands complex technical information and activity in a chronological fashion, as if they observed the case as it happened.

MENTAL CAPACITY ACT 2005 CODE OF PRACTICE

[LARGE PRINT 2007 FINAL EDITION]

The Stationery Office The Mental Capacity Act 2005 provides a statutory framework for people who lack the capacity to make decisions for themselves, or for people who want to make provision for a time when they will be unable to make their own decisions. This code of practice, which has statutory force, provides information and guidance about how the Act should work in practice. It explains the principles behind the Act, defines when someone is incapable of making their own decisions and explains what is meant by acting in someone's best interests. It describes the role of the new Court of Protection and the role of Independent Mental Capacity Advocates and sets out the role of the Public Guardian. It also covers medical treatment and the way disputes can be resolved.

B C, BEFORE COMPUTERS: ON INFORMATION TECHNOLOGY FROM WRITING TO THE AGE OF DIGITAL DATA

Open Book Publishers I found it a delight to read. The author is not trying to write yet another book on the history of computer developments but rather to show that those developments rely on a long history of humans creating solutions to problems that arose as they became more and more sophisticated in their treatment of concepts of information and its manipulation. In many ways it resembles a work of philosophy more than a technical history, but relies on explaining that technical history to make his points. Michael R. Williams, Department of Computer Sciences, University of Calgary The idea that the digital age has revolutionized our day-to-day experience of the world is nothing new, and has been amply recognized by cultural historians. In contrast, Stephen Robertson's *BC: Before Computers* is a work which questions the idea that the mid-twentieth century saw a single moment of rupture. It is about all the things that we had to learn, invent, and understand - all the ways we had to evolve our thinking - before we could enter the information technology revolution of the second half of the twentieth century. Its focus ranges from the beginnings of data processing, right back to such originary forms of human technology as the development of writing systems, gathering a whole history of revolutionary moments in the development of information technologies into a single, although not linear narrative. Treading the line between philosophy and technical history, Robertson draws on his extensive technical knowledge to produce a text which is both thought-provoking and accessible to a wide range of readers. The book is wide in scope, exploring the development of technologies in such diverse areas as cryptography, visual art and music, and the postal system. Through all this, it does not simply aim to tell the story of computer developments but to show that those developments rely on a long history of humans creating technologies for

increasingly sophisticated methods of manipulating information. Through a clear structure and engaging style, it brings together a wealth of informative and conceptual explorations into the history of human technologies, and avoids assumptions about any prior knowledge on the part of the reader. As such the expert and the general reader alike will find it of interest.

THE LITTLE BLACK BOOK OF SCAMS

YOUR GUIDE TO PROTECTION AGAINST FRAUD, THE CANADIAN EDITION

Competition Bureau Canada 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.

INVESTIGATIVE USES OF TECHNOLOGY

DEVICES, TOOLS, AND TECHNIQUES

SEARCHING AND SEIZING COMPUTERS AND OBTAINING ELECTRONIC EVIDENCE IN CRIMINAL INVESTIGATIONS

AUTHORSHIP ATTRIBUTION

Now Publishers Inc *Authorship Attribution* surveys the history and present state of the discipline, presenting some comparative results where available. It also provides a theoretical and empirically-tested basis for further work. Many modern techniques are described and evaluated, along with some insights for application for novices and experts alike.

HOW TO BE A GEEK

ESSAYS ON THE CULTURE OF SOFTWARE

John Wiley & Sons Computer software and its structures, devices and processes are woven into our everyday life. Their significance is not just technical: the algorithms, programming languages, abstractions and metadata that millions of people rely on every day have far-reaching implications for the way we understand the underlying dynamics of contemporary societies. In this innovative new book, software studies theorist Matthew Fuller examines how the introduction and expansion of computational systems into areas ranging from urban planning and state surveillance to games and voting systems are transforming our understanding of politics, culture and aesthetics in the twenty-first century. Combining historical insight and a deep understanding of the technology powering modern software systems with a powerful critical perspective, this book opens up new ways of understanding the fundamental infrastructures of contemporary life, economies, entertainment and warfare. In so doing Fuller shows that everyone must learn 'how to be a geek', as the seemingly opaque processes and structures of modern computer and software technology have a significance that no-one can afford to ignore. This powerful and engaging book will be of interest to everyone interested in a critical understanding of the political and cultural ramifications of digital media and computing in the modern world.

SECOND SIGHT

Patricia D. Eddy Special Forces Sergeant Dax Holloway crawled out of the Taliban's clutches barely alive. His captors took more than his sight. They took his humanity. Six years later, he's carved out an existence back in Boston. One dependent on routines. On walking the same path. Day after day. Through darkness and pain. Always alone. Second Sight is his only refuge. The most elite investigative firm in the country-built from the rubble of his former life-gives him purpose in a world he can no longer see. Evianna Archer's life makes sense. A brilliant coder, she's poised to be the next darling of the tech world-heading up a project that will redefine home security. Until one moment changes everything. Her life in chaos, she turns to Dax for protection. He's everything she shouldn't want, shouldn't need, shouldn't trust. But she's drawn to him. When they uncover a shocking secret, Dax must make a choice. Stay broken? Or risk his heart-and his life-for the woman who chases all his dark shadows away? *Second Sight* is a slow burn military romantic thriller. All books in the *Away From Keyboard Series* are standalone romances featuring a different couple, but past couples and characters play active roles in future books.

THE ART OF INTRUSION

THE REAL STORIES BEHIND THE EXPLOITS OF HACKERS, INTRUDERS AND DECEIVERS

John Wiley & Sons Hacker extraordinaire Kevin Mitnick delivers the explosive encore to his bestselling *The Art of Deception* Kevin Mitnick, the world's most celebrated hacker, now devotes his life to helping businesses and governments combat data thieves, cybervandals, and other malicious computer intruders. In his bestselling *The Art of Deception*, Mitnick presented fictionalized case studies that illustrated how savvy computer crackers use "social

engineering" to compromise even the most technically secure computer systems. Now, in his new book, Mitnick goes one step further, offering hair-raising stories of real-life computer break-ins-and showing how the victims could have prevented them. Mitnick's reputation within the hacker community gave him unique credibility with the perpetrators of these crimes, who freely shared their stories with him-and whose exploits Mitnick now reveals in detail for the first time, including: A group of friends who won nearly a million dollars in Las Vegas by reverse-engineering slot machines Two teenagers who were persuaded by terrorists to hack into the Lockheed Martin computer systems Two convicts who joined forces to become hackers inside a Texas prison A "Robin Hood" hacker who penetrated the computer systems of many prominent companies-and then told them how he gained access With riveting "you are there" descriptions of real computer break-ins, indispensable tips on countermeasures security professionals need to implement now, and Mitnick's own acerbic commentary on the crimes he describes, this book is sure to reach a wide audience-and attract the attention of both law enforcement agencies and the media.

WINDOWS 7: THE MISSING MANUAL

"O'Reilly Media, Inc." In early reviews, geeks raved about Windows 7. But if you're an ordinary mortal, learning what this new system is all about will be challenging. Fear not: David Pogue's Windows 7: The Missing Manual comes to the rescue. Like its predecessors, this book illuminates its subject with reader-friendly insight, plenty of wit, and hardnosed objectivity for beginners as well as veteran PC users. Windows 7 fixes many of Vista's most painful shortcomings. It's speedier, has fewer intrusive and nagging screens, and is more compatible with peripherals. Plus, Windows 7 introduces a slew of new features, including better organization tools, easier WiFi connections and home networking setup, and even touchscreen computing for those lucky enough to own the latest hardware. With this book, you'll learn how to: Navigate the desktop, including the fast and powerful search function Take advantage of Window's apps and gadgets, and tap into 40 free programs Breeze the Web with Internet Explorer 8, and learn the email, chat, and videoconferencing programs Record TV and radio, display photos, play music, and record any of these to DVD using the Media Center Use your printer, fax, laptop, tablet PC, or smartphone with Windows 7 Beef up your system and back up your files Collaborate and share documents and other files by setting up a workgroup network

THINGS FALL APART

Penguin UK Okonkwo is the greatest warrior alive, famous throughout West Africa. But when he accidentally kills a clansman, things begin to fall apart. Then Okonkwo returns from exile to find missionaries and colonial governors have arrived in the village. With his world thrown radically off-balance he can only hurtle towards tragedy. Chinua Achebe's stark novel reshaped both African and world literature. This arresting parable of a proud but powerless man witnessing the ruin of his people begins Achebe's landmark trilogy of works chronicling the fate of one African community, continued in Arrow of God and No Longer at Ease.

SET YOU FREE

Orca Book Publishers The mayor's six-year-old son, Ben Carter, is missing—and Lauren's brother, Tom, is the main suspect. Lauren knows her brother would never harm anyone, but the police don't agree. Ben's stepbrother doesn't agree. The mayor certainly doesn't agree. To some people in Resurrection Falls, Tom is the freak who, rumor has it, once tried to lure a kid into the woods. But if Tom is innocent, why was he lurking around outside the mayor's house the night Ben disappeared? And why has he also vanished? After teaming up with Tom's friend, Grady, a computer enthusiast and part-time hacker, Lauren decides that rather than try to prove Tom's innocence, they should simply give the police some more options. Because everyone, even the mayor's apparently perfect family, has secrets.

HUMAN-COMPUTER INTERACTION. INTERACTION CONTEXTS

19TH INTERNATIONAL CONFERENCE, HCI INTERNATIONAL 2017, VANCOUVER, BC, CANADA, JULY 9-14, 2017, PROCEEDINGS, PART II

Springer The two-volume set LNCS 10271 and 10272 constitutes the refereed proceedings of the 19th International Conference on Human-Computer Interaction, HCII 2017, held in Vancouver, BC, Canada, in July 2017. The total of 1228 papers presented at the 15 colocated HCII 2017 conferences was carefully reviewed and selected from 4340 submissions. The papers address the latest research and development efforts and highlight the human aspects of design and use of computing systems. They cover the entire field of Human-Computer Interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. The papers included in this volume cover the following topics: games in HCI; mobile and wearable interaction; HCI, children and learning; and HCI in complex human environments.

PYTHON DATA SCIENCE HANDBOOK

ESSENTIAL TOOLS FOR WORKING WITH DATA

"O'Reilly Media, Inc." For many researchers, Python is a first-class tool mainly because of its libraries for storing, manipulating, and gaining insight from data. Several resources exist for individual pieces of this data science stack, but only with the Python Data Science Handbook do you get them all—IPython, NumPy, Pandas, Matplotlib, Scikit-Learn, and other related tools. Working scientists and data crunchers familiar with reading and writing Python code will find this comprehensive desk reference ideal for tackling day-to-day issues: manipulating, transforming, and

cleaning data; visualizing different types of data; and using data to build statistical or machine learning models. Quite simply, this is the must-have reference for scientific computing in Python. With this handbook, you'll learn how to use: IPython and Jupyter: provide computational environments for data scientists using Python NumPy: includes the ndarray for efficient storage and manipulation of dense data arrays in Python Pandas: features the DataFrame for efficient storage and manipulation of labeled/columnar data in Python Matplotlib: includes capabilities for a flexible range of data visualizations in Python Scikit-Learn: for efficient and clean Python implementations of the most important and established machine learning algorithms

UNFAIR

THE NEW SCIENCE OF CRIMINAL INJUSTICE

Crown "A crusading legal scholar exposes the powerful psychological forces that undermine our criminal justice system--and affect us all Our nation is founded on the notion that the law is impartial, that legal cases are won or lost on the basis of evidence, careful reasoning and nuanced argument. But they may, in fact, turn on the temperature of the courtroom, the camera angle of a defendant's taped confession, or a simple word choice or gesture during a cross-examination. In *Unfair*, law professor Adam Benforado shines a light on this troubling new research, showing, for example, that people with certain facial features receive longer sentences and that judges are far more likely to grant parole first thing in the morning. In fact, over the last two decades, psychologists and neuroscientists have uncovered many cognitive forces that operate beyond our conscious awareness--and Benforado argues that until we address these hidden biases head-on, the social inequality we see now will only widen, as powerful players and institutions find ways to exploit the weaknesses in our legal system. Weaving together historical examples, scientific studies, and compelling court cases--from the border collie put on trial in Kentucky to the five teenagers who falsely confessed in the Central Park Jogger case--Benforado shows how our judicial processes fail to uphold our values and protect society's weakest members, convicting the innocent while letting dangerous criminals go free. With clarity and passion, he lays out the scope of the problem and proposes a wealth of reforms that could prevent injustice and help us achieve true fairness and equality before the law"--

THE CRIMINAL INVESTIGATION PROCESS

Free Press

THE BRAIN THAT CHANGES ITSELF

STORIES OF PERSONAL TRIUMPH FROM THE FRONTIERS OF BRAIN SCIENCE

Penguin UK An introduction to the science of neuroplasticity recounts the case stories of patients with mental limitations or brain damage whose seemingly unalterable conditions were improved through treatments that involved the thought re-alteration of brain structure.

JANEWAY'S IMMUNOBIOLOGY

Garland Science The Janeway's Immunobiology CD-ROM, Immunobiology Interactive, is included with each book, and can be purchased separately. It contains animations and videos with voiceover narration, as well as the figures from the text for presentation purposes.

FIX YOUR OWN PC

John Wiley & Sons Explains how to upgrade and repair processors, memory, connections, drives, multimedia cards, and peripherals.

WHAT WERE WE THINKING

A BRIEF INTELLECTUAL HISTORY OF THE TRUMP ERA

Simon and Schuster In this "crisp, engaging, and very smart" (The New York Times Book Review) work, The Washington Post's Pulitzer Prize-winning book critic digs into books of the Trump era and finds that our response to this presidency often reflects the same polarization, contradictions, and resentments that made it possible. It is an irony of our age that a man who rarely reads has unleashed an onslaught of books about his tenure and his time. Dissections of the white working class. Manifestos of political resistance. Works on identity, gender, and migration. Memoirs on race and protest. Revelations of White House mayhem. Warnings over the future of conservatism, progressivism, and of American democracy itself. As a book critic for The Washington Post, Carlos Lozada has read just about all of them. In *What Were We Thinking*, he draws on some 150 recent volumes to explore how we understand ourselves in the Trump era. Lozada's characters are not the president, his advisers, or his antagonists but the political and cultural ideas at play—and at stake—in America. Just as Trump's election upended the country's political establishment, it shocked its intellectual class. Though some of the books of the Trump era skillfully illuminate the challenges and transformations the nation faces, too many works are more defensive than incisive, more righteous than right. Lozada offers a provocative argument: Whether written by liberals or conservatives, activists or academics, true believers or harsh critics, the books of Trump's America are vulnerable to the same failures of imagination that gave us this presidency in the first place. In *What Were We Thinking*, Lozada's selections range from bestselling titles to little-known works, from

thoroughly reported accounts of the administration to partisan polemics, from meditations on the fate of truth to memoirs about enduring—or enabling—the Trump presidency. He also identifies books that challenge entrenched assumptions and shift our vantage points, the books that best help us make sense of this era. The result is an “elegant yet lacerating” (The Guardian) intellectual history of our time, a work that transcends daily headlines to discern how we got here and how we thought here. *What Were We Thinking* will help today’s readers understand America, and will help tomorrow’s readers look back and understand us.

PIANO & KEYBOARD ALL-IN-ONE FOR DUMMIES

John Wiley & Sons The comprehensive go-to guide for building keyboard skills Being able to play a tune on the piano can bring you a lifetime of sheer aesthetic pleasure and put you in serious demand at parties! Whatever your motivation for tinkling the ivories, the latest edition of *Piano & Keyboard All-In-One For Dummies* gives you the essentials you need both to build your playing skills and expand your knowledge of music theory, from deciding what keyboard suits you best to musing on the science of what makes music so emotionally compelling. This indispensable resource combines the best of *Piano For Dummies*, *Keyboard For Dummies*, *Music Theory For Dummies*, and *Piano Exercises For Dummies* and includes practice strategies, as well as access to streaming and downloadable audio to help guide your progress. In addition to becoming acquainted with the latest in music theory, you’ll learn to develop your sight-reading skills and performance techniques until you can reproduce pieces flawlessly on request! Choose and care for your keyboard Practice until perfect Compose your own songs Hook up to speakers, computers, and more Learning to play the keys is a never-ending journey of new discoveries and joy, and there’s no better companion on your voyage than this friendly, erudite, and comprehensive guide. P.S. If you think this book seems familiar, you’re probably right. The Dummies team updated the cover and design to give the book a fresh feel, but the content is the same as the previous release of *Piano and Keyboard AIO For Dummies* (9781118837429). The book you see here shouldn’t be considered a new or updated product. But if you’re in the mood to learn something new, check out some of our other books. We’re always writing about new topics!

THE DIFFICULT AIRWAY

AN ATLAS OF TOOLS AND TECHNIQUES FOR CLINICAL MANAGEMENT

Springer Science & Business Media *The Difficult Airway* provides a comprehensive textual and visual coverage of how to deal with patients who have expected or unexpected difficult airways. The text begins with a description of the incidence and importance of the difficult airway and then describes the ASA Difficult Airway Algorithm created to facilitate the management of “difficult airways.” The majority of the book features a comprehensive step-by-step approach to the rescue techniques listed as part of the ASA Algorithm. Noted experts in each of the techniques have been recruited by the book editors to present the information. Figures throughout the book illustrate important points and procedures. This is a wonderful resource for professionals in the health care field including anesthesiologists, intensive care physicians, emergency room physicians, nurses, and out-of-hospital first responders.