

Cybercrime Investigative Case Management An Excerpt From Placing The Suspect Behind The Keyboard 1st Edition By Shavers Brett 2012 Paperback

"Digital Evidence and Computer Crime" provides the knowledge necessary to uncover and use digital evidence effectively in any kind of investigation. This completely updated edition provides the introductory materials that new students require, and also expands on the material presented in previous editions to help students develop these skills.

This book constitutes the refereed proceedings of the Pacific Asia Workshop on Intelligence and Security Informatics, PAISI 2014, held in Tainan, Taiwan, in May 2014 in conjunction with PAKDD 2014, the 18th Pacific-Asia Conference on Knowledge Discovery and Data Mining. The 7 revised full papers presented together with one short paper were carefully reviewed and selected from 10 submissions. The papers are organized in topical sections on regional data sets and case studies, cybercrime, information security engineering and text mining.

This book constitutes the refereed proceedings of the 12th Pacific Asia Workshop on Intelligence and Security Informatics, PAISI 2017, held in Jeju Island, South Korea, in May 2017 in conjunction with PAKDD 2017, the 21st Pacific-Asia Conference on Knowledge Discovery and Data Mining. The 8 revised full papers and one short paper were carefully reviewed and selected from 13 submissions. The papers cover topics such as information access and security, cybersecurity and infrastructure protection, data and text mining, and network based data analytics.

Cybercrime has become increasingly prevalent in the new millennium as computer-savvy criminals have developed more sophisticated ways to victimize people online and through other digital means. The Law of Cybercrimes and Their Investigations is a comprehensive text exploring the gamut of issues surrounding this growing phenomenon. After an introduction to the history of computer crime, the book reviews a host of topics including: Information warfare and cyberterrorism Obscenity, child pornography, sexual predator conduct, and online gambling Cyberstalking, cyberharassment, cyberbullying, and other types of unlawful expression Auction fraud, Ponzi and pyramid schemes, access device fraud, identity theft and fraud, securities and bank fraud, money laundering, and electronic transfer fraud Data privacy crimes, economic espionage, and intellectual property crimes Principles applicable to searches and seizures of computers, other digital devices, and peripherals Laws governing eavesdropping, wiretaps, and other investigatory devices The admission of digital evidence in court Procedures for investigating cybercrime beyond the borders of the prosecuting jurisdiction Each chapter includes key words or phrases readers should be familiar with before moving on to the next chapter. Review problems are supplied to test assimilation of the material, and the book contains weblinks to encourage further study.

Investigative Computer Forensics

Searching and Seizing Computers and Obtaining Electronic Evidence in Criminal Investigations

Digital Multimedia: Concepts, Methodologies, Tools, and Applications

Technocrime, Policing, and Surveillance

Hearings Before a Subcommittee of the Committee on Appropriations, United States Senate, One Hundred Seventh Congress, First Session, on H.R. 2500/S. 1215 ... for the Fiscal Year Ending September 30, 2002, and for Other Purposes

Devices, Tools, and Techniques

Advances on Intelligent Informatics and Computing

The growth of technology allows us to imagine entirely new ways of committing, combating and thinking about criminality, criminals, police, courts, victims and citizens. Technology offers not only new tools for committing and fighting crime, but new ways to look for, unveil, label crimes and new ways to know, watch, prosecute and punish criminals. This book attempts to disentangle the realities, the myths, the politics, the theories and the practices of our new, technology-assisted, era of crime and policing. Technocrime, policing and surveillance explores new areas of technocrime and technopolicing, such as credit card fraud, the use of DNA and fingerprint databases, the work of media in creating new crimes and new criminals, as well as the "proper" way of doing policing, and the everyday work of police investigators and intelligence officers, as seen through their own eyes. These chapters offer new avenues for studying technology, crime and control, through innovative social science methodologies. This book builds on the work of Leman-Langlois' last book Technocrime, and brings together fresh perspectives from eminent scholars to consider how our relationship with technology and institutions of social control are being reframed, with particular emphasis on policing and surveillance. Technocrime, policing and surveillance will be of interest to those studying criminal justice, policing and the sociology of surveillance as well as practitioners involved with the legal aspects of law enforcement technologies, , domestic security government departments and consumer advocacy groups.

While cloud computing continues to transform developments in information technology services, these advancements have contributed to a rise in cyber attacks; producing an urgent need to extend the applications of investigation processes. Cybercrime and Cloud Forensics: Applications for Investigation Processes presents a collection of research and case studies of applications for investigation processes in cloud computing environments. This reference source brings together the perspectives of cloud customers, security architects, and law enforcement agencies in the developing area of cloud forensics.

This book contains a selection of thoroughly refereed and revised papers from the Fourth International ICST Conference on Digital Forensics and Cyber Crime, ICDF2C 2012, held in October 2012 in Lafayette, Indiana, USA. The 20 papers in this volume are grouped in the following topical sections: cloud investigation; malware; behavioral; law; mobile device forensics; and cybercrime investigations.

This book contains a selection of thoroughly refereed and revised papers from the Third International ICST Conference on Digital Forensics and Cyber Crime, ICDF2C 2011, held October 26-28 in Dublin, Ireland. The field of digital forensics is becoming increasingly important for law enforcement, network security, and information assurance. It is a multidisciplinary area that encompasses a number of fields, including law, computer science, finance, networking, data mining, and criminal justice. The 24 papers in this volume cover a variety of topics ranging from tactics of cyber crime investigations to digital forensic education, network forensics, and the use of formal methods in digital investigations. There is a large section addressing forensics of mobile digital devices.

A Guide for Law Enforcement Managers

Digital Forensics and Cyber Crime

Forensic Science, Computers and the Internet

Cybercrime Investigations

The Essentials

Digital Evidence and Computer Crime

Second International ICST Conference, ICDF2C 2010, Abu Dhabi, United Arab Emirates, October 4-6, 2010, Revised Selected Papers

Electronic discovery refers to a process in which electronic data is sought, located, secured, and searched with the intent of using it as evidence in a legal case. Computer forensics is the application of computer investigation and analysis techniques to perform an investigation to find out exactly what happened on a computer and who was responsible. IDC estimates that the U.S. market for computer forensics will be grow from \$252 million in 2004 to \$630 million by 2009. Business is strong outside the United States, as well. By 2011, the estimated international market will be \$1.8 billion dollars. The Techno Forensics Conference has increased in size by almost 50% in its second year; another example of the rapid growth in the market. This book is the first to combine cybercrime and digital forensic topics to provides law enforcement and IT security professionals with the information needed to manage a digital investigation. Everything needed for analyzing forensic data and recovering digital evidence can be found in one place, including instructions for building a digital forensics lab. * Digital investigation and forensics is a growing industry * Corporate I.T. departments investigating corporate espionage and criminal activities are learning as they go and need a comprehensive guide to e-discovery * Appeals to law enforcement agencies with limited budgets

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

Transhumanism, Artificial Intelligence, the Cloud, Robotics, Electromagnetic Fields, Intelligence Communities, Rail Transportation, Open-Source Intelligence (OSINT)—all this and more is discussed in Cyber Crime Investigator's Field Guide, Third Edition. Many excellent hardware and software products exist to protect our data communications systems, but security threats dictate that they must be all the more enhanced to protect our electronic environment. Many laws, rules, and regulations have been implemented over the past few decades that have provided our law enforcement community and legal system with the teeth needed to take a bite out of cybercrime. But there is still a major need for individuals and professionals who know how to investigate computer network security incidents and can bring them to a proper resolution. Organizations demand experts with both investigative talents and a technical knowledge of how cyberspace really works. The third edition provides the investigative framework that needs to be followed, along with information about how cyberspace works and the tools that reveal the who, where, what, when, why, and how in the investigation of cybercrime. Features New focus area on rail transportation, OSINT, medical devices, and transhumanism / robotics Evidence collection and analysis tools Covers what to do from the time you receive "the call," arrival on site, chain of custody, and more This book offers a valuable Q&A by subject area, an extensive overview of recommended reference materials, and a detailed case study. Appendices highlight attack signatures, Linux commands, Cisco firewall commands, port numbers, and more.

Written by a former NYPD cyber cop, this is the only book available that discusses the hard questions cyber crime investigators are asking. The book begins with the chapter "What is Cyber Crime? This introductory chapter describes the most common challenges faced by cyber investigators today. The following chapters discuss the methodologies behind cyber investigations; and frequently encountered pitfalls. Issues relating to cyber crime definitions, the electronic crime scene, computer forensics, and preparing and presenting a cyber crime investigation in court will be examined. Not only will these topics be generally be discussed and explained for the novice, but the hard questions —the questions that have the power to divide this community— will also be examined in a comprehensive and thoughtful manner. This book will serve as a foundational text for the cyber crime community to begin to move past current difficulties into its next evolution. This book has been written by a retired NYPD cyber cop, who has worked many high-profile computer crime cases Discusses the complex relationship between the public and private sector with regards to cyber crime Provides essential information for IT security professionals and first responders on maintaining chain of evidence

Cybercrime in Progress

Concepts, Strategies and Frameworks for Greater Resilience

Concepts, Methodologies, Tools, and Applications

Applications for Investigation Processes

Placing the Suspect Behind the Keyboard

Cybercrime Investigative Case Management

4th International Conference, ICDF2C 2012, Lafayette, IN, USA, October 25-26, 2012, Revised Selected Papers

Presents a collection of articles on human-computer interaction, covering such topics as applications, methods, hardware, and computers and society.

This book contains a selection of thoroughly refereed and revised papers from the Second International ICST Conference on Digital Forensics and Cyber Crime, ICDF2C 2010, held October 4-6, 2010 in Abu Dhabi, United Arab Emirates. The field of digital forensics is becoming increasingly important for law enforcement, network security, and information assurance. It is a multidisciplinary area that encompasses a number of fields, including law, computer science, finance, networking, data mining, and criminal justice. The 14 papers in this volume describe the various applications of this technology and cover a wide range of topics including law enforcement, disaster recovery, accounting frauds, homeland security, and information warfare.

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

Cybercrime continues to skyrocket but we are not combatting it effectively yet. We need more cybercrime investigators from all backgrounds and working in every sector to conduct effective investigations. This book is a comprehensive resource for everyone who encounters and investigates cybercrime, no matter their title, including those working in government, private organizations, regulatory agencies, or individual victims. It provides helpful background material about cybercrime's technological and legal underpinnings, plus in-depth detail about the legal and practical aspects of conducting cybercrime investigations. Key features of this book include: Understanding cybercrime, computers, forensics, and cybersecurity Law for the cybercrime investigator, including cybercrime offenses; cyber evidence-gathering; criminal, private and regulatory law, and nation-state implications Cybercrime investigation from three key perspectives: law enforcement, private sector, and regulatory Financial investigation Identification (attribution) of cyber-conduct Apprehension Litigation in the criminal and civil arenas. This far-reaching book is an essential reference for prosecutors and law enforcement officers, agents and analysts; as well as for private sector lawyers, consultants, information security professionals, digital forensic examiners, and more. It also functions as an excellent course book for educators and trainers. We need more investigators who know how to fight cybercrime, and this book was written to achieve that goal. Authored by two former cybercrime prosecutors with a diverse array of expertise in criminal justice and the private sector, this book is informative, practical, and readable, with innovative methods and fascinating anecdotes throughout.

Third International ICST Conference, ICDF2C 2011, Dublin, Ireland, October 26-28, 2011, Revised Selected Papers

Proceedings of the 3rd International Conference on Communication, Devices and Computing

Uncovering Covert Communication Methods with Forensic Analysis

Berkshire Encyclopedia of Human-computer Interaction

Cyber Crime and Cyber Terrorism Investigator's Handbook

Improving Our Ability to Fight Cybercrime

Recent Trends in Information and Communication Technology

The investigator's practical guide for cybercrime evidence identification and collection Cyber attacks perpetrated against businesses, governments, organizations, and individuals have been occurring for decades. Many attacks are discovered only after the data has been exploited or sold on the criminal markets. Cyber attacks damage both the finances and reputations of businesses and cause damage to the ultimate victims of the crime. From the perspective of the criminal, the current state of inconsistent security policies and lax investigative procedures is a profitable and low-risk opportunity for cyber attacks. They can cause immense harm to individuals or businesses online and make large sums of money—safe in the knowledge that the victim will rarely report the matter to the police. For those tasked with probing such crimes in the field, information on investigative methodology is scarce. The Cybercrime Investigators Handbook is an innovative guide that approaches cybercrime investigation from the field-practitioner's perspective. While there are high-quality manuals for conducting digital examinations on a device or network that has been hacked, the Cybercrime Investigators Handbook is the first guide on how to commence an investigation from the location the offence occurred—the scene of the cybercrime—and collect the evidence necessary to locate and prosecute the offender. This valuable contribution to the field teaches readers to locate, lawfully seize, preserve, examine, interpret, and manage the technical evidence that is vital for effective cybercrime investigation. Fills the need for a field manual for front-line cybercrime investigators Provides practical guidance with clear, easy-to-understand language Approaches cybercrime form the perspective of the field practitioner Helps companies comply with new GDPR guidelines Offers expert advice from a law enforcement professional who specializes in cybercrime investigation and IT security Cybercrime Investigators Handbook is much-needed resource for law enforcement and cybercrime investigators, CFOs, IT auditors, fraud investigators, and other practitioners in related areas.

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.

Contemporary society resides in an age of ubiquitous technology. With the consistent creation and wide availability of multimedia content, it has become imperative to remain updated on the latest trends and applications in this field. Digital Multimedia: Concepts, Methodologies, Tools, and Applications is an innovative source of scholarly content on the latest trends, perspectives, techniques, and implementations of multimedia technologies. Including a comprehensive range of topics such as interactive media, mobile technology, and data management, this multi-volume book is an ideal reference source for engineers, professionals, students, academics, and researchers seeking emerging information on digital multimedia.

Investigating Corporate Fraud Accounting Irregularities E-discovery Challenges Trade Secret Theft Social Networks Data Breaches The Cloud Hackers "Having worked with Erik on some of the most challenging computer forensic investigations during the early years of this industry's formation as well as having competed with him earnestly in the marketplace...I can truly say that Erik is one of the unique pioneers of computer forensic investigations. He not only can distill complex technical information into easily understandable concepts, but he always retained a long-term global perspective on the relevancy of our work and on the impact of the information revolution on the social and business structures of tomorrow." From the Foreword by James Gordon, Managing Director, Navigant Consulting, Inc. Get the knowledge you need to make informed decisions throughout the computer forensic investigation process Investigative Computer Forensics zeroes in on a real need felt by lawyers, jurists, accountants, administrators, senior managers, and business executives around the globe: to understand the forensic investigation landscape before having an immediate and dire need for the services of a forensic investigator. Author Erik Laykin leader and pioneer of computer forensic investigations presents complex technical information in easily understandable concepts, covering: A primer on computers and networks Computer forensic fundamentals Investigative fundamentals Objectives and challenges in investigative computer forensics E-discovery responsibilities The future of computer forensic investigations Get the knowledge you need to make tough decisions during an internal investigation or while engaging the capabilities of a computer forensic professional with the proven guidance found in Investigative Computer Forensics.

Cybercrime and Cloud Forensics: Applications for Investigation Processes

Hiding Behind the Keyboard

Cybercrime Case Presentation

An Excerpt from Placing the Suspect Behind the Keyboard

Health Informatics, Intelligent Systems, Data Science and Smart Computing

An Excerpt from Placing The Suspect Behind The Keyboard

Using Digital Forensics and Investigative Techniques to Identify Cybercrime Suspects

Cyber Crime and Cyber Terrorism Investigator's Handbook is a vital tool in the arsenal of today's computer programmers, students, and investigators. As computer networks become ubiquitous throughout the world, cyber crime, cyber terrorism, and cyber war have become some of the most concerning topics in today's security landscape. News stories about Stuxnet and PRISM have brought these activities into the public eye, and serve to show just how effective, controversial, and worrying these tactics can become. Cyber Crime and Cyber Terrorism Investigator's Handbook describes and analyzes many of the motivations, tools, and tactics behind cyber attacks and the defenses against them. With this book, you will learn about the technological and logistic framework of cyber crime, as well as the social and legal backgrounds of its prosecution and investigation. Whether you are a law enforcement professional, an IT specialist, a researcher, or a student, you will find valuable insight into the world of cyber crime and cyber warfare. Edited by experts in computer security, cyber investigations, and counter-terrorism, and with contributions from computer researchers, legal experts, and law enforcement professionals, Cyber Crime and Cyber Terrorism Investigator's Handbook will serve as your best reference to the modern world of cyber crime. Written by experts in cyber crime, digital investigations, and counter-terrorism Learn the motivations, tools, and tactics used by cyber-attackers, computer security professionals, and investigators Keep up to date on current national and international law regarding cyber crime and cyber terrorism See just how significant cyber crime has become, and how important cyber law enforcement is in the modern world

The Global South is recognized as one of the fastest growing regions in terms of Internet population as well as the region that accounts for the majority of Internet users. However, it cannot be overlooked that with increasing connectivity to and dependence on Internet-based platforms and services, so too is the potential increased for information and cybersecurity threats and attacks. Further, it has long been established that micro, small, and medium enterprises (MSMEs) play a key role in national economies, serving as important drivers of economic growth in Global South economies. Yet, little is known about information security, cybersecurity and cybercrime issues and strategies contextualized to these developing economies and MSMEs. Cybercrime and Cybersecurity in the Global South: Concepts, Strategies and Frameworks for Greater Resilience examines the prevalence, nature, trends and impacts of cyber-related incidents on Global South economies. It further explores cybersecurity challenges, potential threats, and risks likely faced by MSMEs and governments of the Global South. A major thrust of this book is to offer tools, techniques, and legislative frameworks that can improve the information, data, and cybersecurity posture of Global South governments and MSMEs. It also provides evidence-based best practices and strategies relevant to the business community and general Information Communication Technology (ICT) users in combating and preventing cyber-related incidents. Also examined in this book are case studies and experiences of the Global South economies that can be used to enhance students' learning experience. Another important feature of this book is that it outlines a research agenda to advance the scholarship of information and cybersecurity in the Global South. Features: Cybercrime in the Caribbean Privacy and security management Cybersecurity compliance behaviour Developing solutions for managing cybersecurity risks Designing an effective cybersecurity programme in the organization for improved resilience The cybersecurity capability maturity model for sustainable security advantage Cyber hygiene practices for MSMEs A cybercrime classification ontology

This book presents 94 papers from the 2nd International Conference of Reliable Information and Communication Technology 2017 (IRICT 2017), held in Johor, Malaysia, on April 23–24, 2017. Focusing on the latest ICT innovations for data engineering, the book presents several hot research topics, including advances in big data analysis techniques and applications; mobile networks; applications and usability; reliable communication systems; advances in computer vision, artificial intelligence and soft computing; reliable health informatics and cloud computing environments, e-learning acceptance models, recent trends in knowledge management and software engineering; security issues in the cyber world; as well as society and information technology.

Written by experts on the frontlines, Investigating Internet Crimes provides seasoned and new investigators with the background and tools they need to investigate crime occurring in the online world. This invaluable guide provides step-by-step instructions for investigating Internet crimes, including locating, interpreting, understanding, collecting, and documenting online electronic evidence to benefit investigations. Cybercrime is the fastest growing area of crime as more criminals seek to exploit the speed, convenience and anonymity that the Internet provides to commit a diverse range of criminal activities. Today's online crime includes attacks against computer data and systems, identity theft, distribution of child pornography, penetration of online financial services, using social networks to commit crimes, and the deployment of viruses, botnets, and email scams such as phishing. Symantec's 2012 Norton Cybercrime Report stated that the world spent an estimated \$110 billion to combat cybercrime, an average of nearly \$200 per victim. Law enforcement agencies and corporate security officers around the world with the responsibility for enforcing, investigating and prosecuting cybercrime are overwhelmed, not only by the sheer number of crimes being committed but by a lack of adequate training material. This book provides that fundamental knowledge, including how to properly collect and document online evidence, trace IP addresses, and work undercover. Provides step-by-step instructions on how to investigate crimes online Covers how new software tools can assist in online investigations Discusses how to track down, interpret, and understand online electronic evidence to benefit investigations Details guidelines for collecting and documenting online evidence that can be presented in court

Oversight of the National Infrastructure Protection Center : Hearing Before the Subcommittee on Technology, Terrorism, and Government Information of the Committee on the Judiciary, United States Senate, One Hundred Seventh Congress, First Session, July 25, 2001

Cyber Crime Investigations

Intelligence and Security Informatics

Bridging the Gaps Between Security Professionals, Law Enforcement, and Prosecutors

Cybercrime Investigation Case Studies

Operational Effectiveness at Every Level

Scene of the Cybercrime

Managing a major case is among the most challenging managerial functions that anyone in law enforcement can perform, and there are numerous pitfalls to avoid. It is the goal of this book to provide law enforcement managers with the necessary tools and strategies they can use in managing their next major case. Many of these strategies were learned through trial and error. It begins with a look at the various elements of the investigative process. Organization of the investigative unit, whether it is a general assignment or highly specialized unit, is discussed as well as how to determine proper.

This edited textbook covers a range of key operational and strategic aspects of police administration, from experts who have both an academic and practitioner background. It sets out the modern challenges and demands facing the police and then covers the theory and practice of how to deal with such issues, including the leadership skills which are required at every level. These challenges are covered in sections on the use of force, international policing, investigation of new crimes and forensic investigation, counter-terrorism, intelligence, mental well-being, and community policing. Some of the key themes discussed include dealing with public demand for police services, diversity and partnership/interoperability working locally, regionally and internationally. This book is designed at all levels of warranted officer and speaks to undergraduate and postgraduate policing students with a range of pedagogic features including seminar and exam questions.

This book provides insights into the 3rd International Conference on Communication, Devices and Computing (ICCDC 2021), which was held in Haldia, India, on August 16-18, 2021. It covers new ideas, applications, and the experiences of research engineers, scientists, industrialists, scholars, and students from around the globe. The proceedings highlight cutting-edge research on communication, electronic devices, and computing and address diverse areas such as 5G communication, spread spectrum systems, wireless sensor networks, and signal processing for secure communication, error control coding, printed antennas, analysis of wireless networks, antenna array systems, analog and digital signal processing for communication systems, frequency selective surfaces, radar communication, and substrate integrated waveguide and microwave passive components, which are key to state-of-the-art innovations in communication technologies. .

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.

The Law of Cybercrimes and Their Investigations

An Introduction to Solving Crimes in Cyberspace

12th Pacific Asia Workshop, PAISI 2017, Jeju Island, South Korea, May 23, 2017, Proceedings

Investigative Uses of Technology

Modern Police Leadership

The Best Damn Cybercrime and Digital Forensics Book Period

Major Case Management

This book presents emerging trends in intelligent computing and informatics. This book presents the papers included in the proceedings of the 6th International Conference of Reliable Information and Communication Technology 2021 (IRICT 2021) that was held virtually, on Dec. 22-23, 2021. The main theme of the book is "Advances on Intelligent Informatics and Computing". A total of 87 papers were submitted to the conference, but only 66 papers were accepted and published in this book. The book presents several hot research topics which include health informatics, artificial intelligence, soft computing, data science, big data analytics, Internet of Things (IoT), intelligent communication systems, cybersecurity, and information systems.

The emergence of the World Wide Web, smartphones, and computers has transformed the world and enabled individuals to engage in crimes in a multitude of new ways. Criminological scholarship on these issues has increased dramatically over the last decade, as have studies on ways to prevent and police these offenses. This book is one of the first texts to provide a comprehensive review of research regarding cybercrime, policing and enforcing these offenses, and the prevention of various offenses as global change and technology adoption increases the risk of victimization around the world. Drawing on a wide range of literature, Holt and Bossler offer an extensive synthesis of numerous contemporary topics such as theories used to account for cybercrime, policing in domestic and transnational contexts, cybercrime victimization and issues in cybercrime prevention. The findings provide a roadmap for future research in cybercrime, policing, and technology, and discuss key controversies in the existing research literature in a way that is otherwise absent from textbooks and general cybercrime readers. This book is an invaluable resource for academics, practitioners, and students interested in understanding the state of the art in social science research. It will be of particular interest to scholars and students interested in cybercrime, cyber-deviance, victimization, policing, criminological theory, and technology in general.

Criminal Investigations Today: The Essentials examines the processes, practices, and people involved in the investigation of crime in a brief and accessible format that hones in on the key topics students actually need to know. Drawing from his vast experience in the field, author Richard M. Hough distills the essentials of criminal investigations and takes students through the in-depth processes of criminal investigations while maintaining a streamlined approach that allows for optimal student learning. The text's focus on people within the investigative system is reinforced with running case studies and hands-on application.

When it comes to computer crimes, the criminals got a big head start. But the law enforcement and IT security communities are now working diligently to develop the knowledge, skills, and tools to successfully investigate and prosecute Cybercrime cases. When the first edition of "Scene of the Cybercrime" published in 2002, it was one of the first books that educated IT security professionals and law enforcement how to fight Cybercrime. Over the past 5 years a great deal has changed in how computer crimes are perpetrated and subsequently investigated. Also, the IT security and law enforcement communities have dramatically improved their ability to deal with Cybercrime, largely as a result of increased spending and training. According to the 2006 Computer Security Institute's and FBI's joint Cybercrime report: 52% of companies reported unauthorized use of computer systems in the prior 12 months. Each of these incidents is a Cybercrime requiring a certain level of investigation and remediation. And in many cases, an investigation is mandated by federal compliance regulations such as Sarbanes-Oxley, HIPAA, or the Payment Card Industry (PCI) Data Security Standard. Scene of the Cybercrime, Second Edition is a completely revised and updated book which covers all of the technological, legal, and regulatory changes, which have occurred since the first edition. The book is written for dual audience; IT security professionals and members of law enforcement. It gives the technical experts a little peek into the law enforcement world, a highly structured environment where the "letter of the law" is paramount and procedures must be followed closely lest an investigation be contaminated and all the evidence collected rendered useless. It also provides law enforcement officers with an idea of some of the technical aspects of how cyber crimes are committed, and how technology can be used to track down and build a case against the criminals who commit them. Scene of the Cybercrime, Second Editions provides a roadmap that those on both sides of the table can use to navigate the legal and technical landscape to understand, prevent, detect, and successfully prosecute the criminal behavior that is as much a threat to the online community as "traditional" crime is to the neighborhoods in which we live. Also included is an all new chapter on Worldwide Forensics Acts and Laws. * Companion Web site provides custom tools and scripts, which readers can download for conducting digital, forensic investigations. * Special chapters outline how Cybercrime investigations must be reported and investigated by corporate IT staff to meet federal mandates from Sarbanes Oxley, and the Payment Card Industry (PCI) Data Security Standard * Details forensic investigative techniques for the most common operating systems (Windows, Linux and UNIX) as well as cutting edge devices including iPods, Blackberries, and cell phones.

A Comprehensive Resource for Everyone

Cybercrime and Cybersecurity in the Global South

Investigating Internet Crimes

Departments of Commerce, Justice, and State, the Judiciary, and Related Agencies Appropriations for Fiscal Year 2002

Theory and prevention of technology-enabled offenses

The Practical Guide for Lawyers, Accountants, Investigators, and Business Executives

X-Ways Forensics Practitioner's Guide

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.

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 processes 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.

Cybercrime Investigators Handbook

Pacific Asia Workshop, PAISI 2014, Tainan, Taiwan, May 13, 2014, Proceedings

Proceedings of the 2nd International Conference of Reliable Information and Communication Technology (IRICT 2017)

Criminal Investigations Today

Cyber Crime Investigator's Field Guide

ICCDC 2021