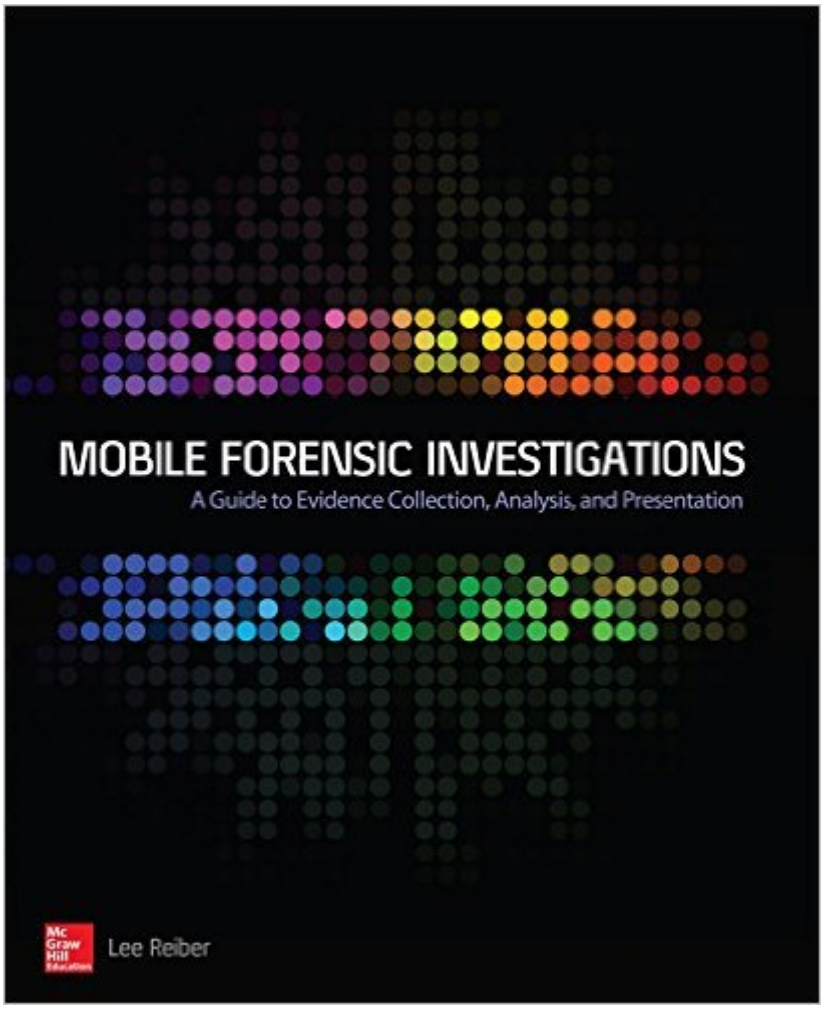
Mobile Forensic Investigations: A Guide To Evidence Collection, Analysis, And Presentation



Synopsis

This in-depth guide reveals the art of mobile forensics investigation with comprehensive coverage of the entire mobile forensics investigation lifecycle, from evidence collection through advanced data analysis to reporting and presenting findings. Mobile Forensics Investigation: A Guide to Evidence Collection, Analysis, and Presentation leads examiners through the mobile forensics investigation process, from isolation and seizure of devices, to evidence extraction and analysis, and finally through the process of documenting and presenting findings. This book gives you not only the knowledge of how to use mobile forensics tools but also the understanding of how and what these tools are doing, enabling you to present your findings and your processes in a court of law. This holistic approach to mobile forensics, featuring the technical alongside the legal aspects of the investigation process, sets this book apart from the competition. This timely guide is a much-needed resource in todayâ ™s mobile computing landscape. Notes offer personal insights from the author's years in law enforcement Tips highlight useful mobile forensics software applications, including open source applications that anyone can use free of charge Case studies document actual cases taken from submissions to the author's podcast series Photographs demonstrate proper legal protocols, including seizure and storage of devices, and screenshots showcase mobile forensics software at work Provides you with a holistic understanding of mobile forensics

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Customer Reviews

This is a great overview of the entire Mobile Forensics process from intake to reporting, with some of the best reference material I've seen in one book. Lee remains vendor-neutral, focuses on the data itself and covers a wide variety of material in one book. He has a great treatment of BREW phones (which I don't believe I've seen in any other book before), a good look at SQLite, great representative samples of file-system structures from the major phone operating systems and more in-depth treatment of raw data structures (yes, hex) than any other source I've seen in mobile forensics. I finally have a reference I can point people at when they want to take the next step in their cell forensics evolution and go beyond mere push-button stuff. Also, for 33 bucks on , it's a no-brainer.This should definitely be in every forensic examiner's library, no question.Nice work.

Great book! Provides all levels of mobile forensic examiners (from novice to expert) with detailed information related to mobile forensics, specific to iOS, Android, Windows Phone, & BlackBerry devices. This book provides great detail regarding collection, analysis, and reporting of mobile devices. The author provides a plethora of iOS & Android artifacts that are sure to assist a mobile forensic examiner with their examination. The book is focused on diving deeper into the vast number of artifacts that each OS provides, as well as uncovering greater details than the "tip of the iceberg" that mainstream mobile forensic tools provide. A must-have for your mobile forensic library!

This was in insightful and enjoyable read. It is methodical and presents the process in a comprehensive and well-explained manner. The book is an excellent resource for experts in the field of digital forensics, lawyers seeking to understand the practice, as well as novice looking to venture into mobile forensics. Highly recommend.

I have been working in Computer forensics for almost 20 years and mobile forensics for almost 8. I have to admit this is one of the best resources I have come across. When you have been around as long as I have, most of what You will come across is regurgitated and stale. This creates a skepticism when spending money on training and books. When you do come across good information at a professional level or tips and tricks that help you become more efficient, it is worth it's weight in gold. With that said, this book is a gold mine. Especially for those that will testify in

court as an expert witness. Most forensic resources leave that critical piece out and just focus on the easier technical aspect.For those that are just getting into the field, you can’t lose with this book. Cyber related forensics such as digital, computer, network, and mobile are all treated the same. What I mean by this is that forensics is the science of proving or disproving a theory while minimizing the destruction or contamination of the evidence. The theories and techniques used must be repeatable with repeatable results (see Daubert rules). Unlike DNA analysis where you have to destroy the finite evidence to analyze it, digital forensics minimizes this destruction and allows you to reproduce it an unlimited amount of times as long as the data does not change. Since mobile devices are some of the most volatile when it comes to evidence alteration, the evidence collection methods in this book can be used across the different cyber domains to maximize collection efforts while minimizing risk. This book walks you through from the beginning to the end of the entire forensic process...I am looking forward to the next book from Mr. Reiber!

I examine digital evidence for a living in a Lab setting. I’ve had Lee’s book for several months now. This book has become my "go to" at work. I read a little bit of it every day and have placed several post-it notes in it to quickly find information I know I’ll need in the future.I first met Lee when I took a class from him in 2007. Fortunately, he wrote this book like he speaks. Literally, when I read it, it’s like he is there explaining it to me. I know what that sounds like because immediately after finishing his cell phone class, I was handed several phones related to a murder investigation. Those phones started giving me a bunch of problems. I called Lee. He was working in his yard at his home. From atop his riding mower, he walked me through several methods until I was able to get into and extract data from each problem phone. I really appreciated that.I also appreciate how, a la Menz brothers "Tips and Tricks" style, Lee includes nuggets and tidbits of dynamite info in his book that has really helped my case work. I have better support now, but I HIGHLY recommend this book to people in "one man band" style operations who, like me, find themselves the "expert" on phones after taking maybe one class. This book is so helpful and would have really lowered my anxiety in terms of understanding exactly what is happening with I push a button and make choices using automated extraction tools.This is a great book. In fact, I bought a digital copy as well so I could key word search it.Great Job Lee!

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