Critical Concepts, Standards, and Techniques in Cyber Forensics

Part of the Advances in Digital Crime, Forensics, and Cyber Terrorism Book Series

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Description:

Advancing technologies, especially computer technologies, have necessitated the creation of a comprehensive investigation and collection methodology for digital and online evidence. The goal of cyber forensics is to perform a structured investigation while maintaining a documented chain of evidence to find out exactly what happened on a computing device or on a network and who was responsible for it.

Critical Concepts, Standards, and Techniques in Cyber Forensics is a critical research book that focuses on providing in-depth knowledge about online forensic practices and methods. Highlighting a range of topics such as data mining, digital evidence, and fraud investigation, this book is ideal for security analysts, IT specialists, software engineers, researchers, security professionals, criminal science professionals, policymakers, academicians, and students.
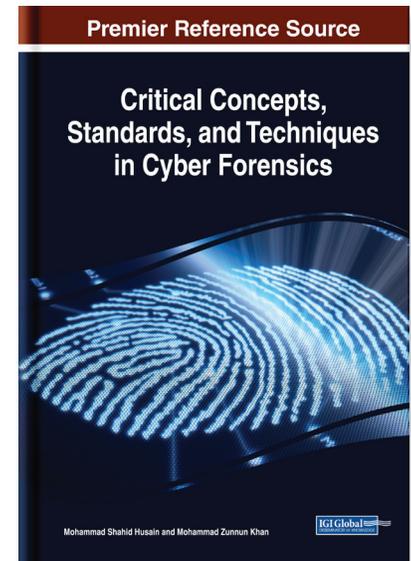
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Topics Covered:

- Cloud Forensics
- Data Acquisition
- Data Mining
- Digital Evidence
- Digital Forensics
- Digital Steganography
- Digital Terrorism
- Fraud Investigation
- Machine Learning
- Risk Assessment
- Security

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