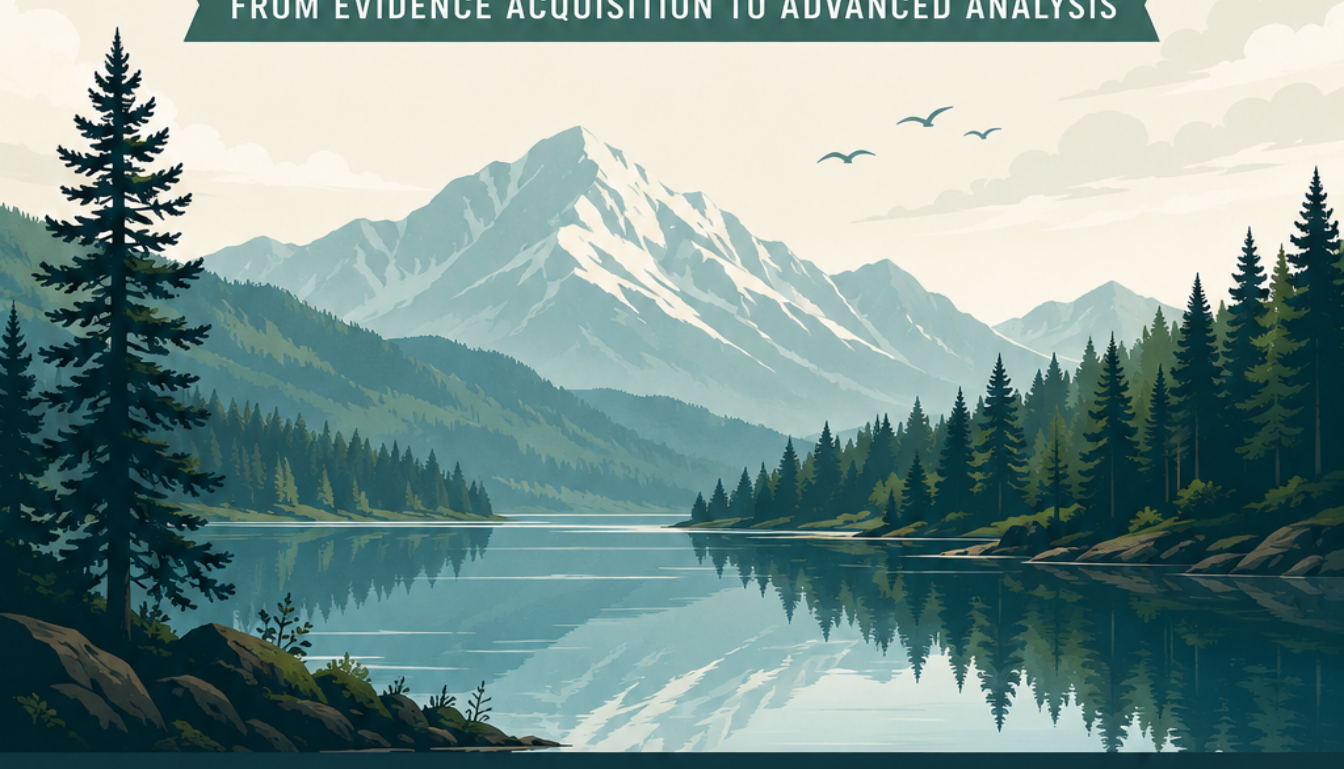
DIGITAL FORENSICS

A PRACTICAL GUIDE TO MODERN INVESTIGATIONS

FROM EVIDENCE ACQUISITION TO ADVANCED ANALYSIS



- HANDS-ON TECHNIQUES
- COMMAND-LINE EXAMPLES
- REAL-WORLD CASE STUDIES
- INDUSTRY-STANDARD TOOLS
- BEST PRACTICES FOR COURT

YAMAMOTO DAIKI

Digital Forensics: A Practical Guide to Modern Investigations

From Evidence Acquisition to Advanced Analysis

Steve T. Publications

This book is available at
https://leanpub.com/digitalforensicsapracticalguidetomoderninvestigations

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Contents

From Evidence Acquisition to Advanced Analysis

About this book: This is a comprehensive, hands-on guide to digital forensics that takes you from the foundational principles of evidence handling through advanced investigative methodologies used by professional investigators. Every chapter provides actionable techniques, real-world case studies, step-by-step walkthroughs, and command-line examples using industry-standard tools. Whether you are a student entering the field, a security professional expanding your skill set, or an experienced investigator looking for current best practices, this book delivers practical knowledge you can apply immediately in the lab, in incident response, and in court.

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1. EXECUTIVE SUMMARY [Written last; summarizes findings for non-technical readers without revealing methodology details that could be challenged]

2. CASE INFORMATION [Provides context for the reader and establishes the scope of authority]

3. EXAMINATION ITEMS [Documents every piece of evidence with hash values for admissibility]

4. METHODOLOGY [Documents tools, versions, and procedures for Daubert compliance]

5. FINDINGS [Organized by category; each finding states what was found, where it was found, and how it was determined]

5.1 Execution Artifacts

5.2 File System Artifacts

5.3 Removable Device Evidence

5.4 Browser Activity

5.5 Event Log Corroboration

5.6 Limitations and Caveats [Required for credibility; shows intellectual honesty]

6. CONCLUSIONS [States what the evidence shows without speculation about intent or legal conclusions]

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