

# Ellington Digital Forensics

Certified Digital Forensics, Litigation Support & E-Discovery

## Derek W. Ellington, ACE Curriculum Vitae

### EXPERIENCE

1995 - Present Ellington Digital Forensics (Ellington IT & Forensics) Wake Forest, NC

Certified Forensic Examiner / E-Discovery Consultant / IT Consultant

Forensic Data Acquisition and Investigation- Mobile Device Forensics. Expert witness.

*Accessdata Certified Examiner*

*Member: Information Systems Audit and Control Association*

1992 - 1995 RAS Engineers Wake Forest, NC

Engineering Technician / Investigator / Construction Forensic Investigation and Accident Reconstruction.

1986/1990 Erskine College Due West, SC

Studied Behavioral Science, with law and extensive computer experience. Marketing and Public Relations. Athletic scholarship. Captain & MVP, Men's Basketball 1989-90.

### COMPETENCIES

Digital Forensics	Mobile Device Forensics
Intrusion Detection	Incident Response
Cloud Based data	iCloud
Hard Drive Data Recovery	Audio and Video Processing
Desktop and Enterprise software	Exchange Server
Networking, Routing and Switching	Backup Devices & Methodologies
SQL, Oracle, Pervasive Databases	Web/ IP Based Forensics
Operating Systems including Windows	GPS Forensics
Client and Server, Mac iOS, Linux, Unix	Android, Simian, Blackberry OS

### TECHNOLOGIES

AccessData FTK	Cellebrite UFED/Ultimate/Touch
Tableau Write Blocker/Bridge	Logicube Forensic Falcon
Weibetech	FTK Imager/ Encase Imager
Magnet IEF	Safeblock
Encase	

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## LECTURES AND PUBLICATIONS GIVEN

**Introduction to Computer Forensics for Accountants and Fraud Examiners - CPE**

*Association of Certified Fraud Examiners, Raleigh, NC 2/2010*

**Digital Forensics and Family Law - CLE**

*NC Bar, Family Law Specialists, Charlottesville, VA 7/2011*

**Digital Forensics and Electronic Discovery - CLE**

*Dirty Thirty Paralegals Association, Raleigh, NC 1/2011*

**Computer Forensics for Attorneys - CLE**

*The Thirteen Legal Group, Chapel Hill, NC 2/2010*

**Digital Forensics and Electronic Discovery - CLE**

*Raleigh-Wake Paralegals Association, Raleigh, NC 10/2011*

**Mobile Devices as Electronically Stored Evidence (ESI) - CLE**

*Raleigh-Wake Paralegals Association, Raleigh, NC 10/2011*

**Digital Forensics and ESI, New Legal Requirements - CLE**

*NC Bar, Family Law Specialists Intensive, Asheville, NC 10/2011*

**Digital Forensics and ESI, New Legal Requirements - CLE**

*NC Bar, Family Law Specialists Intensive, Wilmington, NC 2/2012*

**Digital Forensics and Family Law: Introduction to Digital Forensics**

*NCBA Family Law Section, Family Forum Newsletter, Section Vol.31 No. 2 12/2010*

**Digital Forensics and Family Law: Introduction to Digital Forensics**

*On the Record Magazine, Raleigh, NC Issue 1 1/2011*

**Digital Forensics and Family Law: Understanding Deleted Files**

*NCBA Family Law Section, Family Forum Newsletter, Section Vol.31 No. 3 3/2011*

**Digital Forensics and Family Law: Understanding Deleted Files**

*On the Record Magazine, Raleigh, NC Issue 2 3/2011*

**Digital Forensics and Family Law: Keeping Kids Safe**

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*NCBA Family Law Section, Family Forum Newsletter, Section Vol.31 No. 4 3/2011*

**Digital Forensics and Family Law: Keeping Kids Safe**

*On the Record Magazine, Raleigh, NC Issue 3 6/2011*

**Forensics and Incident Response for Accountants and Fraud Examiners – 4 hours CPE**

*Association of Certified Fraud Examiners, Raleigh, NC 2/2014*

**Technology and Custody Issues - CLE**

*NC Bar, Family Law Specialists Intensive, Charlotte, NC 10/2014*

**Technology and Custody Issues - CLE**

*NC Bar, Family Law Specialists Intensive, Wilmington NC 10/2014*

**The Digital Forensics Expert Witness - CLE**

*Campbell Law School, Raleigh NC 2/2014*

**Incident Response for IT Executives and Auditors - CLE**

*Information Systems Audit and Control Association, RTP NC 4/2014*

**Cloud Forensics - CLE**

*Tharrington Smith – Family Law Specialist program, Raleigh NC 6/2014*

**Privacy in a Digital Age - CLE**

*Pitt County NC Bar Association, Greenville NC 10/2014*

**Privacy in a Digital Age- Article**

*NCBA Family Law Section, Family Forum Newsletter, 10/2014*

**Privacy in a Digital Age - CLE**

*Raleigh Wake Paralegals Association, Raleigh NC 10/2014*

**Digital Forensics For Court Reporters - CLE**

*NC Verbatim Reporters Association, Cary NC 4/2015*

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## Classes, Seminars and Online Training (Previous 2 years only.)

Associative Evidence at the Digital Forensic Crime Scene  
Tools and Techniques for Processing Cellular Phones as Evidence  
Evidence Collection: A Critical Step to Successful Outcome  
Sources for Obtaining Geo Coordinates Information from iOS and Android Devices  
Forensic Analysis of Outlook Web Access  
Intimate Partner Violence a Growing Epidemic: The use of Digital Technology to Save Lives  
Physical Imaging and Analysis of iPhone and iPad  
New Role for Digital Forensic Experts: Mediated Electronic Discovery  
Standards of Acceptability for Digital Forensics  
Implementation of Applications to Improve iPhone Forensic Analysis & Integrity of Evidence  
How to be an Effective Expert Witness  
The Realities of Investigating Social Media  
Browser Forensics  
Cellular Devices--First responder proper identification, collection and triage.  
An Introduction to Digital Forensics for Mobile Device Examiners  
The Catch-22 of Mobile Forensics  
Cellular Devices--First responder proper identification, collection and triage (2012)  
MPE+ 4.4, Mac® Computer Analysis, Explicit Image Detection (2012)  
Optical Character Recognition, Custom Carving and File Types (2012)  
AD Lab for Forensic Investigations, Mounting Image Files - Image Restoration (2012)  
Gang Warfare, Link Analysis. (2013)  
Beyond the Bootloader – Android password circumvention. (2013)  
Encryption for the Forensic Investigator (2013)  
Mobile Device Location Information (2013)  
Analyzing 3<sup>rd</sup> part Phone apps. (2013)  
Windows 7 Forensics (2013)  
Windows 8 Forensics (2013)  
How to Use Images, Movies and Exif Data for Investigations (2013)  
Post Incident Data Collection (2014)  
Incident Response in the Boardroom (2014)  
Vehicle Information Systems Forensics (2014)  
Incident Response in the Cloud (2014)  
Max OS Forensics (2014)  
New Incident Response methodology (2014)  
Extracting Evidence via mobile device intelligence (2014)  
Cellebrite UFED link analysis (2014)  
Uncovering covered tracks (2014)  
Threat Intelligence: Reducing Business risk (2014)  
Social Media and the disappearing perimeter (2014)  
Time is running out: Creating an incident response timeline (2014)  
Internet Artifacts on Windows 8.1 (2014)  
Threat Intelligence: How to Reduce the Business Risk (2014)  
Preparing to testify about mobile forensics in court (2014)  
Expectations of Privacy in the Era of Social Media, Cloud Computing, and BYOD(2014)

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