

Curriculum Vitae
Ryan J. Ferreira
Digital Forensic Examiner

One Source Discovery
Phone: (502) 409-5911 ext. 103
Email: rferreira [at] onesourcediscovery [dot] com

Certifications

Certified Computer Examiner (CCE): April 2013 – Present

- Certification Number 1528
- Administered/Regulated by The International Society of Forensic Computer Examiners (ISFCE)

GIAC Advanced Smartphone Forensics (GASF): November 2019 – Present

- Certificate Number 460
- Administered by Global Information Assurance Certification (GIAC)

Cellebrite Certified Physical Analyst (CCPA): June 2016 – Present

- Certificate Number 2864398000
- Administered/Regulated by Cellebrite

Cellebrite Certified Operator (CCO) (formerly known as CCLO): June 2016 – Present

- Certificate Number 2862398000
- Administered/Regulated by Cellebrite

Cellebrite Mobile Forensics Fundamentals Recipient (CMFF): April 2014

- Certificate Number 197000
- Administered/Regulated by Cellebrite

Lantern Certified Examiner: March 2014

- Administered/Regulated by Katana Forensics

Mobile Phone Seizure Certified (MPSC): January 2014

- Certificate Number 2595
- Administered/Regulated by BK Forensics

AccessData Mobile Examiner (AME): January 2014 – February 2018

- Administered/Regulated by AccessData Group

AccessData Certified Examiner (ACE): January 2014 – January 2018

- Administered/Regulated by AccessData Group

Professional Experience

One Source Discovery (formerly AC Forensics)

Digital Forensic Examiner, December 2009 – Present

- Performed examinations of digital evidence for civil, insurance, and/or criminal matters
- Ensure proper collection protocols for digital evidence
- Compose digital forensic expert reports
- Provide internal training for OSD employees
- Provide external training for legal, information technology, or other investigatory groups and companies
- Manage training of newly hired employees
- Examined mobile devices for internal harassment matters for multi-billion dollar companies
- Examined digital evidence in child pornography and HIPAA cases at FBI RCFL

Data Recovery Engineer, September 2009– Present

- Recovered lost or inaccessible data from damaged digital storage devices
- Damages range from file system damage to mechanical or hard drive firmware failure
- Prepare internal presentations for training of technicians
- Manage training of newly hired employees

Education

M.S. in Digital Forensics

- University of Central Florida, December 2015

B.S.B.A. in Computer Information Systems, Information Security Concentration

- University of Louisville, December 2010

Professional Memberships

GIAC (Global Information Assurance Certification)

- **Advisory Board Member**, November 2018 – Present
- The Global Information Assurance Certification exists to validate the skills of information security professionals. While any member may take an exam and upon passing become credentialed, only those receiving a 90% or above on an exam are given the opportunity to sit on the GIAC Advisory Board.

International Society of Forensic Computer Examiners (ISFCE)

- The International Society of Forensic Computer Examiners is an internationally recognized organization with over 1500 certifications awarded since its inception. These individuals currently span across 28 different countries. The certificate (Certified Computer Examiner, or CCE) is considered by many countries and court systems to be evidence that an individual is truly experienced and qualified to be an expert witness in computer forensic matters.

Information Systems Security Association (ISSA) – Kentuckiana Chapter

- The Information Systems Security Association (ISSA) is a not-for-profit, international organization of information security professionals and practitioners. It provides educational forums, publications, and peer interaction opportunities that enhance the knowledge, skill, and professional growth of its members.

National Society of Professional Insurance Investigators (NSPII)

- **Co-Chair of the Website Committee**, July 2017 – Present
- **Co-Chair of the Public Relations Committee**, July 2017 – Present
- The National Society of Professional Insurance Investigators is a non-profit organization established for the purpose of providing recognition, encouragement, and support to individuals who demonstrate the highest degree of professionalism in conducting insurance investigations.

Publications

- Ferreira, Ryan. "Call Detail Records: Exercise Caution". *Louisville Bar Briefs* 18, no. 11 (2018): 16. Print.
- Ferreira, Ryan. "Out with the Old (Investigation Techniques), in with the New". *The NSPII Informer* no. 06 (2018): 02. Print.
- Ferreira, Ryan. "Cell Phones = Plethora of Evidence". *Louisville Bar Briefs* 17, no. 07 (2017): 19. Print.
- Ferreira, Ryan. "Wearable Technology: What Are You Wearing and What Is It Saying About You?" *Louisville Bar Briefs* 17, no. 05 (2017): 16. Print.
- Ferreira, Ryan. "Cover Your Assets: Cyber Liability Insurance". *Louisville Bar Briefs* 16, no. 12 (2016): 12. Print.
- Ferreira, Ryan. "Greater Sophistication from Law Enforcement in Digital Forensic Investigations". *Louisville Bar Briefs* 16, no. 09 (2016): 15. Print.
- Ferreira, Ryan, and Jason Hale. "Encryption: What You Need to Know". *Louisville Bar Briefs* 16, no. 04 (2016): 16. Print.
- Ferreira, Ryan. "BYOD: Small Devices, Big Implications". *Attorney At Law Magazine* 2, no. 3 (2014): 26-27. Print.
- Cobb, Andy, Jason Hale, and Ryan Ferreira. "eDiscovery Concepts for Labor and Employment Law Practitioners". *Louisville Bar Briefs* 14, no. 05 (2014): 20. Print.
- Ferreira, Ryan. "BYOD: Small Devices, Big Implications". *Louisville Bar Briefs* 14, no. 01 (2014): 18-19. Print.

Awards

- U.S. Department of Justice Federal Bureau of Investigation, Louisville Division. Graduate: FBI Citizens Academy. April 2018.
- SANS Lethal Forensicator Coin Recipient: SANS DFIR NetWars, 1st Place. June 2016.

Presentations

- “Mobile Forensics: Acquisition and Examination”, Guest Speaker for CIS 484 course at University of Louisville. November 14, 2018.
- “Legal and Digital Forensics Best Practices for 21st Century Investigations”, National Society of Professional Insurance Investigators Advanced Insurance Fraud Seminar – National Conference. October 8, 2018.
- “The Future (Present) of Insurance Investigations: Digital Forensics”, Florida Insurance Fraud Education Committee 26th Annual Conference. June 8, 2018.
- “Legal and Digital Forensics Best Practices for 21st Century Investigations”, Florida Insurance Fraud Education Committee 26th Annual Conference. June 7, 2018.
- “Using Cell Phone and Computer Forensics to Fight Fraud”, International Association of Special Investigation Units – Illinois Annual Insurance Fraud Conference. May 10, 2018.
- “Mobile Forensics: Acquisition and Examination”, Guest Speaker for CIS 484 course at University of Louisville. April 16, 2018.
- “Practical Use of Cell Phone Forensics for Insurance Investigators & Attorneys”, National Society of Professional Insurance Investigators Advanced Insurance Fraud Seminar – National Conference. November 6, 2017.
- “Digital Forensics 101 for Claims Investigations”, Guest Speaker for Bluegrass Claims Association monthly meeting. August 17, 2017.
- “Mobile Forensics: Acquisition and Examination”, Guest Speaker for CSC 348 course at Sullivan University. May 31, 2017.
- “Mobile Forensics: Acquisition and Examination”, Guest Speaker for CIS 484 course at University of Louisville. April 17, 2017.
- “Cell Phone Digital Forensics 101 for Claims Investigations”, CLE for Smith, Rolfes & Skavdahl Company, L.P.A. April 6, 2017.
- “Cell Phone Digital Forensics 101 for Claims Investigations”, National Society of Professional Insurance Investigators Kentucky/Tennessee monthly meeting. October 4, 2017.
- “Applying Digital Forensics to Employment Law”, CLE for Fisher & Phillips LLP. September 28, 2016.
- “Mobile Forensics: Acquisition and Examination”, Guest Speaker for CIS 484 course at University of Louisville. April 11, 2016.
- “Case Studies in Digital Forensics”, HTCIA monthly meeting. February 10, 2016.
- “Applying Digital Forensics to Employment Law”, CLE for Louisville Association for Paralegals. January 29, 2016.
- “Digital Forensics for Labor and Employment Practitioners”, CLE for Stites & Harbison, PLLC. May 20, 2015.
- “Mobile Forensics: Acquisition and Examination”, Guest Speaker for CIS 484 course at University of Louisville. April 13, 2015.
- “Linking Users to Social Media Usage on Android Mobile Devices”, Louisville InfoSec Conference. October 2, 2014.
- “Understanding the Digital Aspects of Your Case”, CLE for Bingham Greenebaum Doll LLP. August 22, 2014.
- “Electronic Discovery for Attorneys and Paralegals”, CLE for Gwin Steinmetz Baird PLLC. August 6, 2014.
- “Applying Digital Forensics to Employment Law”, CLE for Stoll Keenon Ogden PLLC. June 19, 2014.
- “Current State of Computer Forensics: Mobile Device Forensics”, CLE for Fultz Maddox Hovious Dickens PLC. May 22, 2014.
- “Mobile Forensics: Acquisition and Examination”, Guest Speaker for CIS 484 course at University of Louisville. April 14, 2014.

- “New eDiscovery Sources, Tips, and Tactics”, training seminar at National Business Institute. March 18, 2014.
- “Three R’s for BYOD: Rewards, Risks, and Recommendations”, ISSA monthly meeting. November 1, 2013.
- “Introduction to Electronic Discovery: Mobile Devices and BYOD”, CLE for Wilson Elser Moskowitz Edelman & Dicker LLP. July 31, 2013.
- “Ethical Issues Handling Electronically Stored Information: Mobile Devices and BYOD”, CLE for Kentucky Bar Association. June 13, 2013.
- “Mobile Forensics: Acquisition and Examination”, Guest Speaker for CIS 484 course at University of Louisville. April 22, 2013.
- “Introduction to Computer Forensics: Acquisition and Examination”, training seminar for ISACA. November 9, 2012.
- “Handling Electronic Evidence: Mobile Forensics”, CLE for Kentucky Bar Association. May 23, 2012.

Training and Conferences

- “CellHawk New User and Refresher Training” webinar course by Hawk Analytics. Completed September 26, 2018.
- FOR585 Course, SANS. July 16-21, 2018.
- SANSFIRE 2018. July 16-21, 2018.
- NSPII Advanced Insurance Fraud Seminar - National Conference. November 6-7, 2017.
- Louisville InfoSec Conference. September 19, 2017.
- NSPII Advanced Insurance Fraud Seminar - National Conference. November 14-15, 2016.
- Louisville InfoSec Conference. September 20, 2016.
- TechnoSecurity & Forensics Investigations/Mobile Forensics World Conference. June 2016.
- Louisville InfoSec Conference. September 28, 2015.
- “Mapping Cell Towers” webinar course by Public Agency Training Council. Completed July 9, 2015.
- “Cellular Records Review and Analysis: Other Records” webinar course by Public Agency Training Council. Completed July 9, 2015.
- “Cellular Records Review and Analysis: Sprint Records” webinar course by Public Agency Training Council. Completed July 8, 2015.
- “Cellular Records Review and Analysis: Verizon Records” webinar course by Public Agency Training Council. Completed June 20, 2015.
- “Cellular Records Review and Analysis: AT&T Records” webinar course by Public Agency Training Council. Completed June 11, 2015.
- “Law 101: Legal Guide for the Forensic Expert” online course by National Institute of Justice. Completed September 8, 2014.
- “Internet History, Technology, and Security” online course by University of Michigan through Coursera. Completed April 29, 2014.
- “Introduction to Computer Science and Programming Using Python” online course by Massachusetts Institute of Technology through EdX. Completed April 25, 2014.
- “Lantern Certified Examiner” course, Katana Forensics. March 25-27, 2014.
- “Learn to Program: The Fundamentals” online course by University of Toronto through Coursera. Completed January 8, 2014.
- “HIPAA/HITECH Privacy and Security Awareness Training”, OSIS. August 2, 2013.
- TechnoSecurity & Forensics Investigations/Mobile Forensics World Conference. June 2013.
- “The Role of a Computer Forensic Expert from Retention Through Trial”, Forensic Magazine Webinar. May 30, 2013.
- “What Makes a Credible Witness?”, Forensic Magazine Webinar. April 25, 2013.
- “Electronic Data Discovery: From Complaint to Courtroom”, CLE for Kentucky Bar Association. April 19, 2011.
- TechnoForensics Conference. Fall 2011.

Sworn Testimony

- **Claude Simpson, et al. v. Pike Electric, LLC, et al.**
 - o Case No. 16CI-1144: November 20, 2018
- **Clifton Wallace v. WPTA Television**
 - o Indiana Worker's Compensation Board, Cause No. C-237525: May 22, 2018
- **Mosby's Towing v. Craig Barnes**
 - o Case No. 17-CI-0883: May 17, 2017
- **Commonwealth of Kentucky v. William McLemore**
 - o Case No. 15-CR-1328: February 28, 2017
- **Commonwealth of Kentucky v. Henry R. Gleaves II**
 - o Case No. 15-CR-0099: August 5, 2016
- **Commonwealth of Kentucky v. Jerard Garrett**
 - o Case No. 13-CR-0246 & 13-CR-0744: March 10, 2016
- **Commonwealth of Kentucky v. Jerard Garrett**
 - o Case No. 13-CR-0246 & 13-CR-0744: November 6, 2015
 - o Daubert Hearing