

Statement of Experience and Qualifications / Curriculum Vitae

ANN BRANSOM

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Cyber Agents, Inc.
220 Lexington Green Cir. STE 102
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Digital Forensic Examiner with experience consulting on civil, criminal, and military cases, a bachelor's degree in computer forensics and digital investigations, and 20 years of experience in web and mobile application development. Previous experience included full stack application development at several private sector companies, followed by a director position with the Kentucky PBS Affiliate station, KET, writing web application code and managing other web and mobile developers and DevOps engineers. Began formal education in digital forensics in 2017, interned with Cyber Agents, Inc. in 2019, independent contracted for Cyber Agents, Inc. in 2020, and became a full time Digital Forensic Examiner for Cyber Agents in 2021. Specialties include mobile forensics, reverse engineering, research, and analysis.

EDUCATION

BS	Champlain College, Computer Forensics and Digital Investigations Graduated Summa Cum Laude Alpha Sigma Lambda National Honor Society	May 2020
BA	Midway College, English Literature Graduated Summa Cum Laude Gamma Beta Phi Honor Society	May 2004
AA	Midway College, Computer Information Systems Graduated with Honors Concentrated in Web Development	May 2004

RECENT PROFESSIONAL EXPERIENCE

Cyber Agents, Inc.
Digital Forensic Examiner
April 2019 – Present

- Device acquisitions, forensic examinations, and discovery review of digital evidence for criminal and civil cases
- Windows, Mac, Linux, and Mobile operating systems
- Command line and GUI interface experience with multiple tools
- Mobile device repairs, including screen and battery replacements

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- Cell Tower and GPS analysis
- Data recovery
- Mobile application reverse engineering
- Cellebrite Physical Analyzer, Cellebrite UFED 4PC, Cellebrite Inspector, Forensic Explorer, EnCase, and other commercial and open-source forensic software experience

KET - Kentucky Educational Television Director, Digital Product Development

August 2015 – March 2021

- Development, administration, maintenance, and integration of an enterprise web presence
- System architecture, integrity, security and interoperability for websites, mobile apps, databases, and interconnections with the broadcast television environment
- Utilizing and leading Agile development methodologies
- Streamlining business processes, ensuring backup, recovery, and continuity planning.
- Leading migration of web content and media, implementing new enterprise applications and decommissioning legacy products and services.
- Supervising, mentoring and managing staff, including backend and frontend web developers.
- Architecting and implementing web systems using Wordpress, PHP, HTML5, CSS3, Javascript, JQuery.
- Handling relational databases, including MySQL and SQL Server.

Big Ass Fans

User Experience Developer

January 2015 – July 2015

- HTML5/CSS3 UX design implementation
- WordPress customization and maintenance
- Email templating and support
- Dynamic content creation and platform development
- Web project management, scoping, and development

Bingham McCutchen

Lead Web Designer/Developer

March 2013 – January 2015

- SEO/SEM
- HTML5/CSS3 UX design implementation
- Email marketing and design

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- Third party app branding
- Graphic design support
- C#/MVC/JQuery backend work
- Agile work environment

HONORS AND AWARDS

Alpha Sigma Lambda National Honor Society 2020
Nationally recognized honor society representing the top adult learners from over 300 institutions nationwide.

Gamma Beta Phi Honor Society 2004
National honors and service society representing students who have demonstrated exceptional service, scholarship, and character at their institutions.

RESEARCH EXPERIENCE

“Forensic Analysis of ‘Burner’ Messaging Applications on iPhone and Android Smartphones: TextFree, TextMe, and TextNow”, Champlain College, Burlington VT 2020

Advisor: Dr. Douglas A. Orr

- Utilized reverse engineering techniques to identify forensic artifacts in burner messaging applications for both Android and iOS.
- Observed and analyzed packet transmission from applications to identify what types of data get exfiltrated from the devices utilizing these applications and to where.
- Identified parsing errors that were made by Cellebrite Physical Analyzer while analyzing these applications’ folders.

PROFESSIONAL TRAINING

2021 Techno Security & Digital Forensics Conference
June 6 – 9, 2021

11th Annual Open Source Digital Forensics Conferences (OSDFCon)
November 18, 2020

SANS DFIR Summit 2020
July 16 and July 17, 2020

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PROFESSIONAL ORGANIZATIONS

IACIS (The International Association of Computer Investigative Specialists)

Associate Member

COMPUTER SKILLS

Programming: HTML, CSS, JavaScript, jQuery, SQL, MySQL, SQLite, PHP, Git, Python

Applications: Cellebrite UFED, Cellebrite Physical Analyzer, Cellebrite Inspector, EnCase, Forensic Explorer, FTK, DVR Examiner, Cell Hawk, Magnet Forensics IEF (Internet Evidence Finder) and many other forensics tools.

Operating Systems: Windows, Android, iOS, Unix, Linux, MacOS

CASES – EVIDENCE REVIEW / CONSULT ATTORNEY

Expert Testimony

- Commonwealth vs. Carpenter, Lewis, Boyd County, KY, Computer Forensics

Criminal Cases

- Commonwealth vs. Allen, Guy Marcus, Jefferson County, KY, Cell Phone Analysis
- Commonwealth vs. Bad, William Isaac, Jefferson County, KY, Cell Tower Record Data Analysis
- Commonwealth vs. Brock, Paul, Whitley County, KY, Cell Phone Acquisitions
- Commonwealth vs. Burdette, Roger D, Jefferson County, KY, Cell Phone Analysis & ECM Analysis
- Commonwealth vs. Carter, Rachel C., Fayette County, KY, iPhone Extraction and Report Generation
- Commonwealth vs. Hill, Demarcus Raymond Depre, Fayette County, KY, iPhone Analysis
- Commonwealth vs. Judd, Tonya, Rowan County, KY, Facebook Data Backup Analysis
- Commonwealth vs. Noble, Patrick Christopher, Fayette County, KY, Cell Phone Analysis
- Commonwealth vs. Shelton, Stanford, Graves County, KY, Cell Phone Analysis/Facebook Data Backup Analysis/Surveillance Footage Analysis
- Commonwealth vs. Ward, Joshua Austin, Boone County, KY, Analysis of Nest Cam Video Footage, iPhone X Extraction, Cell Tower Data Records, and Fetlife.com Account Records

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- Commonwealth vs. Watson, Seantel Wilone, Fayette County KY, Cell Tower Data Analysis
- Commonwealth vs. Young, Christina Faye, Fayette County, KY, Cell Phone Acquisition & Analysis
- OH v. Corey Young, Hamilton County, OH, Discovery Review
- U.S. v. PFC Careaga, Fort Myer, VA, Cell Phone Analysis, Trail Preparation
- U.S. v. SPC Miller, Fort Campbell, KY, Cell Phone Acquisition
- U.S. v. SSG Garrett, Fort Benning, GA, iCloud Backup Acquisitions & iPad Mini Acquisition, Trial Preparation, Trial Consultation

Civil Cases

- Anderson & Reynolds, PLC, iPhone extraction and relevant text message export
- Cook Law Office, Harassment, Email Acquisition and Analysis
- Frost Brown Todd LLC, Corporate Malfeasance, MacBook/External Storage Media/Cell Phone Acquisitions
- Frost Brown Todd LLC, Academic – Appeal, Cell Phone Acquisition and Keyword Search Reports
- Frost Brown Todd LLC, Civil - Corporate Malfeasance, Mac Mini Acquisition & Analysis, iCloud Acquisition, Google Takeout/Drive Acquisition, Amazon Web Services Analysis
- Frost Brown Todd LLC, Civil - Corporate Malfeasance, Acquisition and Preservation of iPhone, MacBook Air, Raspberry Pi Hard Disk Drive, Raspberry Pi SD Card, and Forensic Email Collection
- Frost Brown Todd LLC, Civil - Corporate Malfeasance, iPhone and iPad Extraction and Analysis
- Gideon, Cooper & Essary, PLC, Employee Termination Case, MacBook Analysis
- Individual, Civil – Hacking and Stalking, iPhone Acquisition, iCloud Account Acquisition, and iPhone Stalkerware/Compromise Triage
- Individual, Civil – Hacking, iPhone Acquisition and Examination for Compromise
- Individual, Civil - Child Custody Dispute, Android Acquisition and Report Generation
- Individual, Civil - Wrongful Termination, iPhone Extraction and Report Generation
- Landrum & Shouse LLP, Distracted Driving Case, Cell Phone Analysis
- Landrum & Shouse LLP, Civil - Car Accident, DVR Extraction and Examination
- Landrum & Shouse LLP, Civil - Negligence, Remote Server Acquisition and Analysis, Legacy Access Database Analysis
- Phillips Parker Orberon & Arnett PLC, Car Accident Case, Cell Tower Data Analysis
- Smith O’Toole & Brooke, Civil Rights Violations Case, Cell Phone Analysis
- Woolf McClane, Montague Law PLLC, Civil - IP Theft and Contract Dispute, Cell Phone Acquisition, Hard Drive Imaging and Analysis, Google account & Gmail Acquisition and Analysis

eDiscovery/Data Recovery

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- Aaron Meyer Law, iCloud Backup Acquisition
- Crisp and Associates, LLC, Evidence Preservation, iPhone Acquisition
- Frost Brown Todd LLC, Civil – eDiscovery, Acquisition, Extraction, Indexing, Analysis, and Keyword Searches of laptops, cell phones, Gmail accounts, Google drives, and Dropbox Accounts for ~18 custodians.
- Frost Brown Todd LLC, Civil – eDiscovery, Data Indexing and Keyword Searching
- Individual Client, Child Suicide, Laptop/iPad Analysis
- Individual Client, Destroyed iPhone, Phone Repair/Data Recovery
- Individual Client, Evidence Preservation, Android Acquisitions for LM-X320MA and LGMP450 Models
- PageOne Legal, Webpage Preservation
- PageOne Legal, Cell Phone/iPod Acquisitions