

A decorated law enforcement officer of thirty years, Douglas A. Orr entered the private sector with root9B to lead their Digital Forensic Incident Response (DFIR) unit serving clients domestically and abroad addressing a variety of cybersecurity and digital forensic needs. Once Deloitte acquired root9B, Douglas became a Specialist Master for Incident Response and later an Advisory Manager for Digital Forensics and Financial Crime. Because of his clearance, Douglas later worked for Ryan Consulting Group on contract to the Department of Defense's Defense Contract Management Agency (DCMA) performs preservations and digital forensic investigations on computers and mobile devices for General Counsel relating to Insider Threats, Employee Misconduct, and Civil Litigation investigations. He now works for Lighthouse Global Technologies as a Senior Forensics Consultant. Douglas holds a Ph.D. in Criminal Justice from Washington State University, a Master of Science in Cybersecurity from Saint Leo University, a Master of Arts in Organizational Leadership from Gonzaga University, and a Master of Business Administration from Saint Leo University.

SKILLS & EXPERTISE:

- Digital & Mobile Forensics
- Cybersecurity
- eDiscovery

EMPLOYMENT EXPERIENCE:

Lighthouse – Seattle, WA
Senior Forensic Consultant

Sept 2023 to Present

- Perform forensically sound collections of ESI from laptops, desktops, mobile devices, hard drives, servers and cloud data sources both onsite and remotely.
- Verify, extract, and analyze data in support of investigations and litigation.
- Prepare detailed written analysis and “Red Flag” reports.
- Conduct custodian interviews to identify relevant data sources.
- Provide expert forensic testimony.

Ryan Consulting Group – Smyrna, GA
Digital Forensic Analyst

Jan 2023 to Aug 2023

- Use Top Secret clearance to manage incident response for the Department of Defense – Department of Contract Management, specifically those users requiring assistance with digital forensics and other cybersecurity needs.
- Conduct acquisitions and extractions from desktops, laptops, mobile devices, and tablets using tools such as EnCase, X-Ways, Autopsy, and other third-party applications; Collect digital intelligence and conduct complex analyses using tools such as EnCase, X-Ways, and Autopsy.
- On behalf of General Counsel, led the DFIR unit in Atlanta, Georgia, and managed engagements with DCMA users domestically and abroad for investigations involving insider threats, employee misconduct, and other malfeasance.

Deloitte Financial Advisory Services – Atlanta, GA
Advisory Manager

Jan 2021 to Oct 2022

- Manage more than a dozen incident response senior consultants to investigate cybersecurity incidents and financial crime using industry tools to include CrowdStrike and Splunk.
- Conduct acquisitions and extractions from desktops, laptops, mobile devices, and tablets using tools such as EnCase, X-Ways, Autopsy, and other third-party applications; Collect digital intelligence and conduct complex analyses using tools such as EnCase, X-Ways, and Autopsy.
- Manage eDiscovery ventures for Fortune 500 firms requiring legal holds during litigation and analyses involving complex insider threat investigations.
- Supervise senior consultants and project managers sorting legal holds through enterprise applications like Relativity and BrainSpace.
- Write Master Service Agreements, Statements of Work, Pricing Sheets, and Engagement Letters for prospective clients.

Root9B – Colorado Springs, CO
Senior Forensic Analyst

Apr 2020 to Jan 2021

- Manage incident response for Fortune 500 companies requiring assistance with ransomware attacks and other cybersecurity needs.
- Conduct acquisitions and extractions from desktops, laptops, mobile devices, and tablets using tools such as EnCase, Axiom, X-Ways, Autopsy and other third-party applications; Collect digital intelligence and conduct complex analyses using tools such as EnCase, Axiom, X-Ways, and Autopsy.
- Led the DFIR unit and managed cybersecurity engagements with Fortune 500 companies domestically and abroad for investigations involving insider threats, employee misconduct, and other malfeasance.

Spokane Police Department – Spokane, WA
Detective

Sept 1996 to Oct 2016

- Investigate major incidents involving crimes against persons to include child homicide, sexual assault, sexual exploitation, and child abuse.
- Police department's chief digital forensic computer analyst.
- Conduct acquisitions and extractions from desktops, laptops, mobile devices, and tablets using tools such as EnCase, Axiom, X-Ways, Autopsy, and other third-party applications; Collect digital intelligence and conduct complex analyses using tools such as EnCase, Axiom, X-Ways, and Autopsy.

EDUCATION:

WASHINGTON STATE UNIVERSITY, PULLMAN, WA - 2005
DEGREE: Ph.D.
MAJOR: Criminal Justice

SAINT LEO UNIVERSITY, ANTONIO, FL - 2017
DEGREE: M.S.
MAJOR: Cybersecurity

GONZAGA UNIVERSITY, SPOKANE, WA - 2002
DEGREE: M.A.
MAJOR: Organizational Leadership

SAINT LEO UNIVERSITY, ANTONIO, FL - 2011
DEGREE: MBA
MAJOR: Human Resource

CERTIFICATIONS AND AFFILIATIONS:

EnCase Certified Examiner (EnCE), *OpenText*, 2008
CompTIA Security+
Cellebrite Certified Mobile Examiner (CCME)
AWS Certified Cloud Practitioner – Foundational
TS Clearance

PUBLICATIONS:

ORR, DOUGLAS A. (2023) CRYPTOCURRENCY: ITS IMPACT AND FORENSIC WORTH. IN: MAX M. HOUCK (ED.) ENCYCLOPEDIA OF FORENSIC SCIENCES, THIRD EDITION, VOL. 1, PP. 709–716. OXFORD: ELSEVIER.

ORR, DOUGLAS A. AND RACHEL GOVER. (2019). THE INTERNET OF THINGS: AN ANALYSIS OF INSECURITY. *THE JOURNAL OF SAINT LEO UNIVERSITY'S COLLEGE OF EDUCATION AND SOCIAL SERVICES*, VOL. 1 (2).

ORR, DOUGLAS A. AND BUDDY TIDWELL. (2019). CRITICAL THINKING AND THE DIGITAL FORENSICS EXAMINER. *JOURNAL OF FORENSIC SCIENCES AND DIGITAL INVESTIGATION*, 2019(2): 69-77.

ORR, DOUGLAS A. AND DREW M. LANCASTER. (2018). CRYPTOCURRENCY AND THE BLOCKCHAIN: A DISCUSSION OF FORENSIC NEEDS. *INTERNATIONAL JOURNAL OF CYBER-SECURITY AND DIGITAL FORENSICS*, 7(4): 420-435.

ORR, DOUGLAS A. AND ALVI CASTRO. (2018). WHATSAPP MESSENGER ON THE ANDROID PLATFORM: A FORENSIC EXAMINATION OF A PHYSICAL DEVICE. *FORENSIC SCIENCES: METHODS AND TECHNIQUES*, 2018 (1), PP. 04-19. [HTTPS://DOI.ORG/10.33513/FSMT/1801-05](https://doi.org/10.33513/FSMT/1801-05)

ORR, DOUGLAS A. AND PETER WHITE. (2018). CURRENT STATE OF FORENSIC ACQUISITION FOR IAAS CLOUD SERVICES. *JOURNAL OF FORENSIC SCIENCES & CRIMINAL INVESTIGATION*, VOL. 10, ISSUE 1. DOI: 10.19080/JFSCI.2018.10.555778

REID, ANDREW L. AND DOUGLAS ORR. (2018). BITCOIN INVESTIGATIONS: EVOLVING METHODOLOGIES AND CASE STUDIES. *JOURNAL OF FORENSIC RESEARCH*, VOL. 9, ISSUE 3. DOI: 10.4172/2157-7145.1000420

ORR, DOUGLAS A. AND LAURA SANCHEZ. (2018). ALEXA, DID YOU GET THAT? DETERMINING THE EVIDENTIARY VALUE OF AMAZON ECHO® AND ALEXA RELATED DATA. *DIGITAL INVESTIGATION: THE INTERNATIONAL JOURNAL OF DIGITAL FORENSICS AND INCIDENT RESPONSE*, VOL. 24, MARCH 2018, PP. 72-78.

ORR, DOUGLAS A. AND MICHAEL REITER. (2017). CISCO'S JABBER: A CLOSER LOOK WITH A PYTHON SCRIPT. *INTERNATIONAL JOURNAL OF FORENSIC COMPUTER SCIENCE*, VOL. 12, NO. 1, PP. 22-30. [HTTP://DX.DOI.ORG/10.5769/J201701003](http://dx.doi.org/10.5769/J201701003)

MORAN, JOHN AND DOUGLAS A. ORR. (2012, APRIL 26). THE AUTOMATIC CRASH RECOVERY: INTERNET EXPLORER'S BLACK BOX. *JOURNAL OF DIGITAL FORENSICS, SECURITY & LAW*, VOL. 7. NO. 3.