

# JACOB STAUFFER

**FORENSIC EXAMINER | FLASHBACK DATA, LLC**  
4029 SOUTH CAPITAL OF TEXAS HIGHWAY | SUITE 224  
AUSTIN, TEXAS 78704  
512.301.5700 | JACOB@FLASHBACKDATA.COM



## **EMPLOYMENT HISTORY**

### **FLASHBACK DATA, LLC**

AUG 2019 – PRESENT

#### *Forensic Examiner*

- Adherence to ISO/IEC 17025:2005 and ANAB accreditation standards
- Digital forensics evidence collection and handling
- Conduct forensic examinations of digital evidence
- Development of forensic case reports
- Testing and validation of forensic software and hardware
- Search warrant and affidavit development for digital evidence
- Development and implementation of policies and procedures for an ANAB accredited laboratory
- Consulting for Fortune 1000 companies, foreign and domestic government agencies, and attorneys

### **COHERENT CYBER, LLC**

JULY 2016 – PRESENT

#### *Director of Operations*

- Oversees all technical operations regarding incident response/management, forensic investigations, compromise assessments, physical and logical security assessments, and general security consulting
- Conduct incident management services on large enterprise networks
- Lead efforts to contain current infection, ensured that critical business operations were minimally impacted, and investigate all possible vectors of attack
- Develop and oversee reporting to local, state, and federal organizations
- Implement "hunt" assessment tools to detect and contain potential lateral movement by potential adversary/malware
- Oversee contract development based on customer requirements

### **INFOCYTE INC.**

NOV 2016 – JULY 2016

#### *Director of Cyber Services*

- Oversaw global client intrusion assessment operations and support for all customers
- Provided technical solutions for proper installation and deployment of Infocyte products within client enterprise environment
- Coordinated remote or on-premises compromise assessments for small to medium sizes businesses
- Chief engineer for malware analysis solution

### **33D NETWORK WARFARE SQUADRON (AFCERT), USAF**

APRIL 2014 – NOV 2014

#### *Director of Operations Support*

- Oversaw 30 personnel between 4 section for on-demand support of ongoing cyberspace defensive operations
- Developed tracking system designed to give leadership in a Common Operating Picture of all support operations across the flight
- Developed next generation training requirements for each section's Defensive Cyber Operator "Special Qualification Rating."
- Certified as a Forensic Analyst Lead and Counter Cyberspace Operator, Apprentice Level

### **33D NETWORK WARFARE SQUADRON (AFCERT), USAF**

MAY 2010 – NOV 2014

#### *Chief Forensic and Malware Analysis Section*

- Oversaw 10-million-dollar computer/network forensics lab and all intrusion operations
- Coordinated communication between internal departments and external organizations regarding all forensic and malware reverse engineering tasks
- Supervised developing concepts including new forensic tools, operational research, and in-house training.

#### *Encase Enterprise Subject Matter Expert / Instructor*

- Served as the operational subject matter expert of the Air Force implementation of Encase Enterprise
- Developed all training, requirements, and evaluations for multiple sections within the 33NWS using the software for incident response, forensics, and active pursuit operations

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## 91<sup>ST</sup> NETWORK WARFARE SQUADRON, USAF

MAR 2008 – MAY 2010

### Cyberspace Operations

- Coordinated and executed National Security Agency telephone network exploitation tasking, dually qualified as a Telephone Network Exploitation operator and system administrator as well as setting forth technical requirements for the next general system.
- Managed operations and developed action planning and training for open source research tasking, served as the Subject Matter Expert for all Computer Network Exploitation operations tasked to the organization.

## FREEMAN, CRAFT, MCGREGOR GROUP JULY 2007 – MAR 2008, FEB 2014, JULY 2016 – SEP 2016, MAY 2017 – NOV 2017

### Director, Security Assessments

- Served as project manager for all red teaming activities contracted by the California's Secretary of State's Office of Voting Systems Technology Assessment (OVSTA)
- Supervised sub-contractors
- Planned red team activities, security auditing and penetration testing of enterprise networks, various software packages, and voting devices
- Served as liaison between the OVSTA personal and the red team, central repository for all reports, and co-author on all reports delivered to the Secretary of State's office
- Systems assessed include: ES&S InkaVote Plus, 2007, ES&S Unity 3.0.1.1, 2008, Dominion Democracy Suite 4.14-A.1 w/ Adjudication 2.3, 2014, ES&S Unity 3.4.1.0, 2016, ES&S Electionware 5.2.1.0, 2017

## TOP TO BOTTOM REVIEW

JUNE 2007 – JULY 2008

### University of Tulsa Team Lead, Security Assessment

- Served as project manager for all red teaming activities contracted by the California's Secretary of State's Office of Voting Systems Technology Assessment (OVSTA).
- Supervising team members, planning red team activities, security auditing and penetration testing of enterprise networks, various software packages, and voting devices, serving as a liaison between the OVSTA personal and the red team, central repository for all reports, and co-author on all reports delivered to the Secretary of State's office.
- Systems assessed include: Diebold GEMS System 1.18.24, 2007, Hart System 6.2.1, 2007

## EDUCATION

### University of Tulsa (NSA School of Excellence)

GRADUATED - MAY 2007

Tulsa, OK

- *Master of Science in Computer Science*
  - *Relevant Coursework: Network Security, SCADA Systems Security, Compiler Construction, Security Auditing and Penetration Testing, Secure Systems Administration and Certification, Secure Electronic Commerce, Computer Networks, Computer Security, Computer and Network Forensics, Enterprise Security Management, Database Systems, Operating Systems.*

### DeVry University

GRADUATED - MAY 2005

Irving, TX

- *Bachelors of Science in Computer Engineering Technology w/ Minor in Electronic Engineering Technology*
  - *Relevant Coursework: Digital and Analog Circuitry, Analog Signals Analysis, Microprocessor Architecture, Design, and Integration of Peripherals, Microcontroller Architecture, Design, and Integration of Peripherals*
  - *Undergraduate Senior Project: Senior Project Team consisted of four individuals tasked with planning and development of the Age-Verified Single Cigarette Vending Machine concept. Concept involved integrating a magnetic card reader, bill acceptor, cigarette distribution system and system control unit. Electronics and software were developed for data acquisition and system control for distribution. Positions held : Lead Systems Programmer and Computer Systems Engineer. Project received Outstanding Senior Project Award and two personal scholarships.*

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## LICENSES AND CERTIFICATIONS

### **DOD Level Certifications**

DC3 DFE: Digital Forensic Examiner Certification  
DC3 DMC: Digital Media Collector Certification

### **Federal Information Assurance Certification**

CNSS 4011: Information System Security Professional  
CNSS 4012: Designated Approving Authority  
CNSS 4013: System Administration in Information Systems Security  
CNSS 4014: Information System Security Officer  
CNSS 4015: System Certifier

### **Commercial Cyber Security Certifications**

CISSP: ISC2 Computer Information Systems Security Professional (#340369)  
DCCO: Root9B Defensive Counter-Cyber Operator  
GCFA: SANS GIAC Certified Forensic Analyst (#9419)  
GREM: SANS GIAC Reverse Engineering Malware Certification (#2829)  
OSCP: Offensive Security Certified Professional  
CCNA: Cisco Certified Network Associate (Expired)  
CEH: Certified Ethical Hacker  
CEPT: Certified Expert Penetration Tester  
Net+: Network+ (CompTIA)  
Cyber Teacher Certification: Life Journey Cyber Teacher Association

### **Commercial Cyber Security Class w/ Certificate**

Guidance Software: EnCase Forensics I  
Guidance Software: EnCase Enterprise Examinations  
Offensive Security: Cracking the Perimeter

### **Federal Emergency Management Agency Certifications**

ISC-100: Introduction to Incident Command System  
ISC-200: ICS for Single Resources and Initial Action Incident  
ISC-700: Introduction to National Incident Management System (NIMS)

### **Texas Private Investigator License**

*Texas Department of Public Safety*

AUG 2019 - PRESENT

## SPECIALIZED TRAINING

<b>Certified Cloud Security Professional</b> <i>ISC2 Online Course</i>	2016
<b>DCITA Windows Forensic Examiner</b> <i>EnCase Course, Linthicum, MD</i>	2014
<b>Cyber 300 Course</b> <i>Wright-Patterson AFB</i>	2012
<b>AFSPC Instructor Certification Course</b> <i>Lackland AFB</i>	2012
<b>Joint Network Attack Course Class #12060</b> <i>NAS Pensacola</i>	2012
<b>Squadron Officers School (In Residence) Class 11D</b> <i>Wright-Patterson AFB</i>	2011
<b>Cyberspace Operations Transition Course</b> <i>Lackland AFB</i>	2011
<b>Information Operations Fundamentals Application Course</b> <i>Maxwell AFB</i>	2009

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## INVITED PRESENTATIONS

<b>Vulnerabilities, Bugs, and Bad Guys: A K-12 Cybersecurity Case Study</b> <i>Texas Region One Technical Conference</i>	MAY 2019
<b>Investing in Our Future: High School Cyber Security Education and Training</b> <i>Pennsylvania State Police</i>	MAY 2019
<b>2018 Cybersecurity in Review</b> <i>San Antonio Risk Management Association Chapter</i>	APRIL 2019
<b>Legacy Technologies and Implementing Standard Information Assurance Guidelines</b> <i>State Certification Testing of Voting Systems National Conference</i>	JUNE 2017