SEMKE FORENSIC
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PROFESSIONAL RESUME
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I. General Information

A. Position: Senior Analyst – Digital Forensics
Semke Forensic
100 North Clayview Drive, Suite B
Liberty, Missouri 64068
Telephone: 531-284-2171

II. Professional Summary

A. Education:

Master of Science
Forensic Computing and
Cyber Crime Investigation
University College Dublin
Dublin, Ireland
2019

Bachelor's Degree
Justice Systems
Truman State University
Kirksville, Missouri
1996

B. Experience:

Current
Position: Senior Consultant
Semke Forensic
100 North Clayview Drive, Suite B
Liberty, Missouri

Responsible for the identification, preservation, and analysis of electronic data as related to computer forensic investigations. Provides professional opinions and expert testimony regarding electronic evidence assessment, cause of failure events, equipment valuation, and scope of loss determination.

August 2023 to December 2024
Position: Information Protection Cyber Specialist
Physicians Mutual
Omaha, Nebraska

Responsible for leading cyber incident responses and maturing the program through documentation and exercises. Monitored and identified cyber threats based on active threat intelligence. Developed security standards and best practices for the company. Prepared reports documenting attempted attacks and security breaches. Proactively hunted for adversaries on the company network using a variety of tools and techniques.

April 2021 to July 2023
Position: Digital Forensics and Incident Response Senior Consultant
NTT Ltd.
Omaha, Nebraska

Responsible for leading projects with respect to Digital Forensics Incident Responses (DFIR). Developed and presented DFIR tabletop exercises to cybersecurity teams in developing tactical strategies for securing their systems, as well as for leadership and executives to better understand and prepare for cyberattacks. Collected, preserved, and analyzed data from electronic data sources, including laptop and desktop computers, servers, and mobile devices. Completed clear and comprehensive reports of findings.

February 2020 to April 2021
Position: Senior Corporate Security Investigator
Bank of the West
Omaha, Nebraska

Responsible for researching, analyzing, and investigating complex internal and external cases involving fraud which caused losses and had the potential to create losses, and/or suspected criminal activity. Monitored online fraud activity with a technical understanding of the bank's product lines, and suggested revisions to policies and procedures in order to prevent losses to the bank. Prepared and thoroughly documented factual and impartial findings in a timely and professional manner utilizing rules of judicial evidence and in accordance with regulatory requirements. Pursued proactive recoveries of financial losses with contacts at other financial institutions. Responded to and evaluated specific threats, robberies, and other critical incidents. Provided routine reports on investigations.

January 2004 to February 2020
Position: Police Officer
Digital Forensics Investigator
Omaha Police Department
Omaha, Nebraska

Responsible for criminal investigations specializing in digital forensics. Used pre-police background in computer programming and system analyst professional work to incorporate technology in combating crime. Received extensive specialized training in computer and cell phone forensics to aid investigations. Provided court testimony in numerous criminal proceedings.

III. Seminars and Technical Courses Attended

2009 – Mobile Forensics, Institute Mobile Forensics Workshop 101
2010 – US Secret Service Basic Investigation of Computers and Electronic Crimes Program
2014 – High Technology Crime Investigation Association International Training Conference and Expo
2015 – Dixie State BGA Chip Off Removal, Extraction, and Analysis in Small Device Forensics
2015 – International Association of Computer Investigative Specialists Basic Computer Forensics Examiner Course
2015 – US Secret Service Mobile Device Examiner Program
2016 – USDOJ – Understanding Investigative Techniques for Modern Telecommunications Course
2016 – Hawk Analysis CellHawk Product Testing
2016 – Hawk Analysis Cellular Technology, Mapping, and Analysis
2016 – High Technology Crime Investigation Association International Training Conference and Expo
2017 – Berla Vehicle Systems Forensics Training
2021 – SANS Windows Forensic Analysis
2022 – SANS Hacker Tools, Techniques, and Incident Handling
2023 – SANS Advanced Incident Response, Threat Hunting, and Digital Forensics
2024 – IACIS CIFR – Cyber Incident Forensic Response

IV. Professional Certification

Global Information Assurance Certification-Certified Forensic Analyst (GCFA)

Global Information Assurance Certification-Certified Incident Handler (GCIH)

Global Information Assurance Certification-Certified Forensic Examiner (GCFE)

International Association of Computer Investigative Specialists-Certified Forensic Computer Examiner (CFCE)

Cellebrite Certified Mobile Examiner (CCME)

BlackBag Certified BlackLight Examiner (CBE)

AccessData Certified Examiner (ACE)

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V. Presentations

1. HTCIA International Conference & Training Expo, August 2016
2. Nebraska Law Enforcement Coordinating Committee (LECC), May 2017
3. Law Enforcement Intelligence Network (LEIN), October 2018
4. International Association of Computer Investigative Specialists (IACIS), European Training Event, 2017/2018
5. International Association of Computer Investigative Specialists (IACIS), Orlando Training Event, 2017/2018/2019
6. Nebraska Division of the International Association for Identification, 2022
7. Nebraska County Attorneys Association, 2023
8. Guest Lecturer Creighton University School of Law, 2023/2024