

Justin Maile

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Summary

I am an expert in cryptocurrency investigations and forensic analysis. I lead a team of the best cryptocurrency analysts in the world at one of the most well-known blockchain investigation firms in the world. I have grown and managed diverse teams of investigators and technical analysts for more than 10 years in multiple companies and roles. I have personally worked on some of the most impactful cases to affect the crypto industry and I am available to serve as an expert witness.

Notable Cases

- Welcome to Video: the investigation and takedown of the largest child abuse materials site in the world with cooperation from multiple international law enforcement agencies, resulting in hundreds of arrests and the rescue of dozens of children.
- Twitter account takeover: analysis of scams advertised by some of the largest and most well-known verified celebrity Twitter accounts that had been taken over by exploiting vulnerabilities exposed by a malicious insider, resulting in the arrest of multiple individuals.
- 2016 Bitfinex hack: aided FBI in the record seizure of \$3.6B USD related to the 2016 hack of crypto exchange Bitfinex after 10 years of dormancy and complex money laundering.
- Largest US SIM swap theft: lead the investigation, with the support of the REACT task force and Canada's RCMP, in identifying the destination of \$30M USD of funds stolen from an US investor via a SIM swap attack, despite significant efforts to launder and obfuscate the source of the funds. This case resulted in the arrest and conviction of the perpetrator and the eventual takedown of a group of individuals coordinating efforts to exploit additional US investors, including the arrest of their leader, one of the most notorious SIM swap criminals, Plugwalk Joe.
- Exchange hacks: led the crypto incident response investigations for federal law enforcement and government agencies around the world, into

SKILLS

Business development
Project and team management
Blockchain analysis/cryptocurrency investigation
Python scripting/development
Network Engineering
Powershell scripting
Bash scripting
Network Security/Vulnerability Analysis
Network Penetration Testing
Windows/Linux network administration
Network modeling/mapping
Network device/infrastructure administration
Data science

COURSES/CERTIFICATIONS

Chainalysis Certified
Ethereum Investigation Course
Chainalysis Certified Investigation Specialist Course
Chainalysis Reactor

most of the

crypto exchange hacks over the last 6 years, including investigations into the historical hacks all the way back to Mt. Gox in 2014.

- Ransomware: lead investigations at Chainalysis on most of the major ransomware strains asking for payments in cryptocurrencies from 2020 through 2022. This information was built into the annual Chainalysis Crypto Crime Report and has been provided to US law enforcement and government agencies as part of the coordinated effort to stop ransomware.

- BitConnect and PlusToken: led the investigation for 2 of the largest crypto ponzi schemes with victims all over the world. These 2 criminal schemes defrauded investors of over \$2B USD each (value at the time of all digital assets).

- Romance scams and other “pig butchering” type scams: led the most comprehensive combined investigation into romance scam campaigns by multiple criminal groups operating out of China, India, North Korea, Malaysia, Philippines, Thailand, Nigeria, Russia, and Baltic States, resulting in the most complete picture of this rising trend in crypto crime. This information has been briefed to law enforcement agencies around the world and in articles and podcasts by popular news publications.

- Over the last year, I have focused on supporting more civil case work and less criminal case work to be more well-rounded and differentiate ourselves in the space. In the last year I have supported more than half a dozen divorce cases where the main focus was digital asset discovery and forensic accounting of all digital assets that are part of the marital estate. I have also supported multiple other expert witness cases involving estate management and asset distribution, business disputes involving crypto, bankruptcies, confirming wallet ownership and assisting with recovery, frozen/locked assets, sanctioned/illegal entity exposure, enhanced due diligence/source of funds, and more.

Work History

CipherBlade, Washington, DC/remote — Chief Executive Officer, Americas

March 2023 - present

Responsible for designing and building a business practice to support civil litigation cases in the US market. In addition to building a professional network of law firms and other companies, it entails building and training a team of investigators, defining the workflows, managing associated expenses, scoping and prioritizing inbound requests, presenting analysis to clients, and providing expert testimony to support client engagements.

Certification

Chainalysis Cryptocurrency Fundamentals Course

Continuum Analytics Python Programming with Anaconda

Continuum Analytics Data Visualization

Continuum Analytics Performance Optimization

RedSeal Deep Dive Hands-On

RedSeal Advanced Network Course

RedSeal Advanced Security Course

CISSP

CEH

CompTIA A+

CompTIA Linux+

CompTIA Server+

CompTIA Network+

CompTIA Security+

CompTIA Cloud+

AoE University Art of Exploitation Bootcamp 2.0

AoE University Art of Exploitation Wireless

CCNA Bootcamp

MCSA Bootcamp

MCSE Bootcamp

Designing and Implementing Scalable Cisco Internetworks

Chainalysis, Washington, DC/remote — Director of Investigations, Partnerships

February 2022 - February 2023

Designed, built, and managed a program of investigations and professional services partners. Developed strategic corporate relationships, created and met ambitious quarterly and annual business goals for partner accounts, established cadence of regular joint marketing and events, created investigation partner training program, and trained and certified partner investigators to the same level of Chainalysis investigators.

Chainalysis, Washington, DC/remote — Director of Investigations

March 2019 - February 2022

Managed a team of investigators, led investigative analysis efforts per project, organized and documented projects, interfaced with clients, including selling services and products and building strategic corporate relationships.

Chainalysis, Washington, DC — Senior Blockchain Investigator/Technical Analyst

January 2018 - February 2019

Supported client cryptocurrency investigations as part of the Professional Services team. Perform investigative analysis, lead junior investigators, write and present reports to clients and management, and write custom Python scripts in support of customer requirements and company internal operations.

CACI, Washington, DC — Senior Network Security Analyst/Network Penetration Tester

March 2017 - February 2018

Senior network security/vulnerability analyst, data scientist, network threat/risk assessment, network topology modeling, network penetration testing for federal government and commercial clients.

Veros Technologies, LLC, Washington, DC — Senior Network Security Analyst/Systems Engineer

July 2013 - March 2017

Senior network security/vulnerability analyst, systems engineer, data scientist, network penetration tester for federal government and commercial clients.

Tesseract Theory, LLC, Round Hill, VA — Owner/President, Senior Network Security Analyst

December 2015 - July 2018

Owner, senior network security/vulnerability analyst, systems engineer for 8(a) qualified small business startup serving federal government clients.

Intellisys Corporation, Laurel, MD — *Network Security Analyst*

February 2012 - July 2013

Network security analyst, DNI analyst for federal government clients.

United States Marine Corps, Various — *Special Intelligence Systems Administrator/Communications, DNI Analyst*

September 2000 - March 2012

MOS 2651/2611: Special Intelligence Communications System Administrator/DNI Analyst supporting multiple commands across the U.S. West and East coasts, Japan, and Okinawa with multiple combat deployments in Iraq.

EDUCATION

University of Maryland University College, Adelphi, MD — *M.S. in Cybersecurity*

April 2015 - August 2016

3.48 GPA

University of Maryland University College, Adelphi, MD — *B.S. in Computer Networking and Security*

September 2011 - March 2015

3.8 GPA