

BILL SHELTON MBA, MSIS, CISSP, CCSP

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SKILLS

Programming Languages: Python, Golang, Ruby, and JavaScript

Tools: Web Application Firewalls, SAST, SCA, DAST, AWS, Load Balancers (BigIp), Kali Linux, DLP, CI/CD, Cloud Security Auditing, Endpoint Security, Threat Hunting, Elasticsearch, Hadoop

Certifications: Certified Information Systems Security Professional (CISSP), Certified Cloud Security Professional (CCSP)

EXPERIENCE

Insight

Security Engineering Fellow

Denver, CO

May 2020– July 2020

- Built a project involving Application Security, DevSecOps, and Cloud Security

Elements Wilderness Program

Field Staff

Huntington, UT

February 2019– February 2020

- Wilderness backpacking guide in the San Rafael Swell and Manti-La Sal National Forest

Cybereason

Senior Sales Engineer

New York City, NY

April 2018 – July 2018

- Supported four Sales Directors in the NY Tri-State Region
- Communicated to customers the differentiated value of Cybereason's NGAV, EDR and Threat Hunting capabilities through product demonstrations, test drive engagements and proof of concepts
- Provided technical support for sales processes with defense contractors and financial institutions
- Presented attack simulations utilizing Kali Linux, Metasploit, and PowerShell Empire

ThinAir

Senior Sales Engineer

Mountain View, CA

December 2016 – March 2018

- Sales Engineer responsible for leading technical discussions from discovery conversation to close; developed personalized product demonstrations, structured and executed proof of concept engagements
- Helped the product team manage the product roadmap based on customer requests, and proof of concept requirements
- Stayed with ThinAir until the company ran out of funding and furloughed all employees

Senior Software Engineer

- Refactored the backend code base, implementing a consistent organization and style as well as robust test coverage
- Developed the APIs that power the ThinAir Observe dashboard which contain analytics on endpoint telemetry data
- Wrote primarily Python, deployed code within AWS infrastructure

Empower Security Academy

Technical Co-Founder

Washington, D.C.

May 2016 – December 2016

- Co-Founded a cybersecurity-based programming bootcamp
- Taught cybersecurity fundamentals, Wireshark, OWASP Top 10, ZAP, AWS, Python, RESTful APIs, MySQL, Bash
- Developed curriculum; prepared and delivered 40+ lectures and workshops

F5 Networks, Inc.

Senior Software Engineer, Silverline Web Application Firewall

San Jose, CA

April 2015 – May 2016

- Joined the Silverline Web Application Firewall team prior to product launch
- Built out the WAF as a Service product as the core services developer from October 2015 – April 2016
- Developed internal tools to QA distributed systems and implemented extensive test coverage for core service
- Utilized Golang, Couchbase, Elasticsearch, BigIP ASM
- Responsible for deploying code, BigIP maintenance and monitoring and other DevOps activities

Edmodo

Research Engineer, Data Products

San Mateo, CA

August 2013 – January 2015

- Built production APIs using Golang, Rails and Thrift for Edmodo's Admin Platform; supported 4 frontend engineers
- Analyzed usage patterns of Edmodo's 45M+ users using Python, Hive, Hadoop, Weka and R
- Built functional product prototypes using Node.js, MongoDB, Angular, Bootstrap and Python
- Modified and extended data pipelines that produced tables consumed by production APIs using Hive, SQL and Python
- Optimized performance of APIs that used SQL tables with 1B+ rows by creating indexes, reducing joins
- Deployed code via Jenkins on AWS infrastructure

Global Knowledge Management Center

Graduate Research Assistant, intermittent part-time

Salt Lake City, UT

August 2010 - May 2013

- Prepared data for <https://www.druginformer.com> and StockTwits text analysis and machine learning-powered projects
- Competed in Kaggle competitions using AWS, Python, R

EDUCATION

Hack Reactor Code School, San Francisco, CA

August 2013

- Served as lead data engineer for <http://www.reddittinsight.com>; data visualizations of Reddit that received 100K+ views
- Coded computer vision project for <https://www.pixlee.com>; used OpenCV to identify Coke cans in photos

University of Utah, Salt Lake City, UT

M.B.A., David Eccles School of Business

May 2013

M.S.I.S., David Eccles School of Business

May 2013

B.S.: Major Psychology, Minor Chemistry

May 2009