Trey Moen

Newberg, OR

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Summary

I am a self-starter.

Education

George Fox University
Newberg, OR

B.S. in Computer Science – Cyber Security Concentration – GPA: 3.7 — *Aug 2018 — May 2022*

- Selected as one of 40 mentees to participate in the George Fox "IGNITE" industry mentorship program
- Won first place out of 8 teams by working with two colleagues to develop BookLend, a peer-to-peer borrowing and book lending service for college students, in the 2021 GFU Code Jam hackathon
- Elected member of the Computer Science Student Advisory Board
- Student under the George Fox Honors Program, a Great Books general-education program

Work Experience

E&J Gallo Winery
Modesto, CA

Programmer Analyst Intern — *Jun 2021 — Aug 2021*

- *Technology used: AWS CloudFormation, EC2, EventBridge, GuardDuty, IAM, Lambda, Secrets Manager, SQS*
- Saved personnel valuable time by automating the manual remediation of low to high severity findings, achieved by developing a serverless, real-time alert and auto-remediation system deployed across 20+ AWS accounts and 17 AWS regions using Python, AWS Lambda, CloudFormation, GuardDuty, SQS, and more.
- Refined endpoint security by auditing hundreds of AWS resources both manually and through automation for security flaws and best practice conformance, including EC2 security groups and IAM policies and roles
- Proved the scalability of the auto-remediation system by pitching and validating my solution with AWS Solutions Architects, an AWS Security specialist, and Technical Account Manager

JNJ Software, Ltd.
Remote — Vancouver, BC, Canada

Full-stack Software Development Engineer — *Jan 2019 — Jul 2021*

- *Technology used: DigitalOcean, Docker, Go, Grafana, HTML/CSS/JS, Kubernetes, MongoDB, Node.js, Prometheus, Redis, TypeScript*
- Powered the core of a growing business as the lead developer in a fast paced development environment by building, documenting, and maintaining myriad projects including REST APIs using TypeScript and MongoDB, client-facing and internal web dashboards in Node.js, HTML, CSS, and JavaScript, and object-oriented language libraries in Go and TypeScript
- Grew existing infrastructure to handle nearly one million messages per day and process terabytes of data per month by designing and building a highly distributed, scalable, web scraping platform and real-time message pipeline focusing on high availability using Docker, Kubernetes on DigitalOcean, MongoDB, Redis, and Node.js
- Optimized business key performance indicators like pipeline latency to a sub-80 millisecond average through data analysis and profiling systems and applications with tools like Grafana and Prometheus

George Fox University
Newberg, OR

Lab Assistant — *Aug 2020 — Present*

- *Technology covered: C/C++, Java, LaTeX, MPI, Python, Scala*
- Empower and lead students toward understanding concepts and technologies from intro to CS core courses, including data structures, algorithms, parallel programming paradigms, relational databases, and programming style and best practices
- Assist in running university-hosted events like the Inter-Collegiate Programming Contest (ICPC) and GFU High School Programming Contest

Self-employed
Turlock, CA

Electronics and sneaker resale — *Jan 2018 — Jul 2021*

- Purchased electronics from online marketplace returns at wholesale cost and sold at a premium on marketplaces like eBay
- Purchased limited-edition and general release sneakers and streetwear from online retailers and sold through marketplaces like GOAT and StockX
- Created spreadsheets collating sale and fee data in addition to profit tracking – 6-digit total sales on all marketplaces combined

Certification

Amazon Web Services

AWS Certified Cloud Practicioner – Click for certificate — *Jul 2021*