Trey Moen

Newberg, OR

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Summary

People- and detail-oriented, creative, self-starting computer scientist with 2+ years of software development experience with backend and frontend systems in fast paced environments. Seeking to leverage robust skills in collaboration, communication, and development.

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 (GitHub)
- 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), Python*
- 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 applications and systems 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 George Fox High School Programming Contest

Self-employed

Turlock, CA

Electronics and sneaker resale *Jan 2018 — Jul 2021*

- Purchased high-end electronics from online marketplace returns at wholesale cost and sold at a premium on marketplaces like eBay
- Acquired 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

AWS Certified Cloud Practicioner

Jul 2021