Harry Zhu

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Summary

First-generation college graduate with proven leadership experience mentoring 45+ students and managing 50+ campus organizations. Technical background from F5 and Recidiviz internships combined with event planning expertise. Passionate about supporting first-gen and POC students through mentorship and community building.

Experience

Director of Student Associations & Clubs — George Fox University   August 2023 – April 2024

- Coordinated onboarding for **80+** club leaders, conducting **20+** leadership development group sessions
- Automated club expenditure system using **Google Apps Script**, reducing approval timeline by **93%** while managing **100+** form submissions and a **$50K** operating budget
- Led two biannual club president roundtables to guide cross-club collaboration, leading to **20+** joint campus events

Treasurer — George Fox Asian Student Union   August 2023 – April 2024

- Managed a **$4K** annual budget for cultural events and club activities, implementing digital tracking systems to improve expense transparency by **40%**
- Organized AAPI cultural week through panels and exhibits that attracted **100+** attendees and engaged **10+** alumni

Lab Fellow (Part-Time) — George Fox College of Engineering   August 2022 – April 2024

- Developed personalized mentoring approaches for 40+ diverse learning styles, resulting in 70% of tutored students showing improved academic performance
- Created inclusive study environments for 45+ students from various technical backgrounds, adapting communication styles to bridge knowledge gaps and build student confidence

President — George Fox ACM Chapter   August 2022 – May 2023

- Led a team of **4** officers to organize **12+** technical workshops and speaker events, increasing member engagement by **40%** for annual hackathon event of **20+ participants**
- Delivered **5+** weekly production builds for ACM-related websites using **React** and **Node/Express**, streamlining club marketing and reducing administrative workload by **90%**
- Managed a total of **$2K** operating budget and achieved **90%** increase in alumni engagement rate (**22%** cumulative) for an annual hackathon through strategic partnerships with locally-grown, Oregon-based company, Silverpine

Professional Experience

Software Engineer Intern (Full-Time) — F5 Networks   July 2024 – September 2024

- Implemented automated debugging using **Bash** shell scripting in Kubernetes-driven containers to analyze **100+** CI/CD pipelines resulting in **70%** faster crash analysis for **45+ developers** on F5's core traffic management system
- Iteratively refined crash analysis procedures through feedback from 3 departments, incorporating suggestions from 30+ engineers to create a solution that gained team-wide adoption
- Expanded knowledge sharing by creating documentation on crash analysis procedures, supporting 30+ developers

Software Engineer Intern — George Fox Communications Office   August 2021 – April 2024

- Streamlined content review time by 95% of 4,000+ pages through an API-driven content management system monitoring web portal using **VueJS**, **Docker**, **PostgreSQL**, **NodeJS** and migration tools
- Enhanced user experience for 1,000+ daily visitors through performance and design optimization of 100+ pages

Software Engineer Intern (Full-Time) — Liminal Insights, Inc.   June 2023 – August 2023

- Reduced configuration time by **90%** by developing **NextJS** and **Python** containerized services using Docker
- Enabled industrial-scale battery testing reliability by architecting a high-throughput, message-oriented system that processes 50+ debug logs per minute while maintaining testing throughput through ZeroMQ-based process isolation

Software Engineer Intern (Full-Time) — Recidiviz YC19   June 2022 – August 2022

- Eliminated **200+** OWASP security vulnerabilities (including XSS, CSRF, and package dependency issues) through automated scanning and remediation, strengthening platform security by **98%** for state-level criminal justice data
- Built API-driven security account automation system handling **15+** annual departures using Docker and Python frameworks, driving **95%** efficiency gain in audit workflows until replacement by enterprise SOC2 solution in 2024
- Prevented potential security incidents through implementation of 10 new security controls in Google Cloud

EDUCATION

George Fox University   Graduated April 2024
Bachelor of Science in Computer Science (GPA: 3.55)   Newberg, OR

Awards: Computer Science Department Annual Scholarship, Stevens Endowed Scholarship (2022), Pablo M. Ortiz Computer Science Scholarship (2023), 2x Top 500 National Cyber League Competitor (2023-2024)

Leadership Activities: Tech Lead (2022-23) & President (2023-24) for Association for Computing Machinery Student Chapter, Director of Student Organizations (2023-2024), Yearbook Co-Director (2020-2024), Treasurer for Asian Student Union (2023-2024)