Harry Zhu

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SUMMARY

Computer Science graduate with hands-on experience in technical and marketing roles in higher education, healthcare, EV battery manufacturing, and non-profit spaces, passionate about bridging AI-driven technology with user-centric storytelling. Proven ability to drive go-to-market efficiency and cross-functional collaboration.

SKILLS

Product: Go-to-Market · A/B Testing · SEO · Data Analysis · Cross-Functional Collaboration · User Insights

Technical: Gemini · Google Analytics · Google Cloud · BigQuery · AWS · React · Python · Java · SQL

PROFESSIONAL EXPERIENCE

Consultant (Contractor) — Recidiviz YC19   November 2024 – Present
- Drove estimated $15K cost savings annually by optimizing BigQuery workflows using Python and SQL, aligning target efficiency with business goals and metrics, increasing developer productivity by 10%

Software Engineer Intern — F5 Networks   July 2024 – September 2024
- Implemented automated debugging using technical tools to analyze **100+** code test pipelines resulting in **70%** faster crash analysis for **45+ developers** on F5's core traffic management system
- Expanded knowledge sharing by creating documentation on crash analysis procedures, supporting 30+ developers
- Accelerated crash recovery time by 10% across teams by aggregating 5+ stack traces into bug reports per day

Marketing Web Developer Intern — University Communications Office   August 2021 – April 2024
- Led A/B testing for 50+ web pages, driving 80% adoption of new features and optimizing user engagement
- Collaborated with stakeholders to define business requirements, translating marketing needs into technical solutions
- Reduced content review time by 95% through a full-stack monitoring system, enabling faster campaign launches
- Engineered 20+ technical programs to leverage CMS workflows, reducing development cycles and time by 90%
- Enhanced user experience for 1,000+ daily visitors through performance and design optimization of 100+ pages

Software Engineer Intern — Liminal Insights, Inc.   June 2023 – August 2023
- Architected a message-oriented system improving battery testing reliability, supporting product readiness for market
- Reduced flagship product configuration time by 90% by developing a user-friendly full-stack web application

Software Engineer Intern — Recidiviz YC19   June 2022 – August 2022
- Implemented 10+ security controls in Google Cloud, safeguarding product integrity during go-to-market phases
- Built API-driven security account automation system handling **15+** annual departures using Python frameworks, driving **95%** efficiency gain in audit workflows until replacement by enterprise SOC2 solution

PROJECTS

TZ Medical ECG Medical Triage - Group Capstone Project | github.com/HarryZ10/ecg
- Translated business requirements into technical specification for a healthcare product, bridging user needs with technical execution, based on a go-to-market strategy to support in-house ECG technicians
- Extracted 8 domain features on over **34,000+** electrocardiogram events by developing standalone data processing programs, resulting in ∼**95%** precision in identifying anomalous ECG data

Pickabox - Hackathon Team Project | React, Express, Google Cloud | pickaboxdemo.netlify.app
- Won 2nd place in Best Design by creating a user-friendly website interface aggregating Wikipedia content, enhancing user experience for 1K+ learners, aligning with Google's mission to organize information accessibly

EDUCATION

George Fox University   Graduated April 2024
Bachelor of Science in Computer Science   Newberg, OR
Coursework: Artificial Intelligence, Human-Computer Interaction
Activities: Teaching Assistant, CodePath, ACM President & Tech Lead, Director of Student Associations