# JARON ROSENAU
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Computer science student and independent full-stack developer with experience taking web applications from idea to deployed systems. Builds back ends in Python and TypeScript and front ends with modern tooling such as Vite, React and Flutter. Comfortable owning projects end-to-end: setting up infrastructure, defining data models and APIs, and iterating with nonprofits, small clients and student teams. Hands-on with Linux server administration and cloud platforms including Firebase, Google Cloud, and AWS.

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## EDUCATION

**BS Computer Science,** Oregon State University, Corvallis, Oregon                    Expected June 2026
Applied Program: Software Engineering and Systems Security                    GPA 3.13

**AS Computer Science,** Lane Community College, Eugene, Oregon                    December 2023

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## TECHNICAL SKILLS

- **Languages:** Python, C++, TypeScript, Dart, SQL
- **Web & Mobile:** Flutter apps, Flask apps with Vite frontends, React + Vite SPAs, PWAs.

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## EXPERIENCE

**Founder & Developer,** Denuo Web, LLC, Remote                    Mar. 2024 - Present
- Built and operated QuestByCycle.org (Flask + Vite PWA with PostgreSQL/Redis, auth, quests, leaderboards, profiles, offline page, Web Push) for local nonprofit 350 Eugene; self-hosted on Debian with NGINX/Gunicorn/Postfix/TLS, ran four public games (~100+ sign-ups) and received a $2,000 honorarium.
- Prototyping two monorepos: Moonshine Art (Flutter/Firebase/Cloud Run poster marketplace with Stripe and Terraform-managed GCP/Firebase) and CrowdPM Platform (React + Vite + deck.gl map UI over Firebase/Cloud Run API, pnpm monorepo, GitHub Actions CI); collaborate with a Japan-based owner and OSU CS/ECE capstone teams via MVP specs, architecture docs, and OpenAPI contracts.

**Lab Assistant,** Lane Community College, Eugene, Oregon                    Sep. 2023 - Dec. 2023
- Built two Flask apps for LCC CIT Lab: Password Reset (UNIX-socket backend, TOML config, msmtp, tests) and Usage Tracker MVP (sign-in/out, admin dashboard, CSV export, QR codes).

**Platform Integration Engineer (Contract),** The Htmlcoin Foundation, Remote                    May 2018 - May 2022
- Maintained Htmlcoin forks of Qtum-based node and wallet software, keeping Htmlcoin's code in sync with upstream.
- Worked on multiple wallets and tools, including web, mobile, and light wallets, a MetaMask-compatible browser wallet (Janus), and an ethers.js-based wrapper for the Htmlcoin network.
- Administered three Linux servers hosting Htmlcoin wallet services and network tooling, and wrote configuration files and run instructions so community members could connect clients to the network.

**Additional Experience (Pre-CS Career),** Various Employers                    2008 - 2022
- Worked in bicycle shops and as a small-engine mechanic, focusing on diagnostics, repair, and customer support. Also held operations and IT-support roles (e.g., computer support at Oshkosh Equipment Sales and other hands-on jobs).

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## LEADERSHIP

**Member,** Kappa Eta Kappa Delta Alumni Association                    Jan. 2019 - Present
- Expansion Committee member: drafted procedures, created outreach templates, and coordinated colony outreach.

**Founder,** Bicyclist Advocacy, RSO at OSU                    Jan. 2024 - Present
- Established and spearheaded Bicyclist Advocacy student organization; Coordinated speeches to the Board of Trustees; created a hotspot map of yearly bicycle theft; covered by The Daily Barometer.

**Founder,** STEM Transfer Pathway Club, RSO at LCC                    Sep. 2022 - Dec. 2023
- Organized panels and transfer-focused events with strong advisor involvement to support STEM transfer students.