

Sameer Chohan

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EDUCATION

Oregon State University — College of Engineering

August 2026

Bachelor of Science in Computer Science | GPA: 3.40

Transferred after completing prerequisite coursework at the University of Houston (2020–2023)

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming

Certification: AWS Certified Developer – Associate (DVA-C02) — In Progress

EXPERIENCE

Versioned.io – Houston, TX

August 2025 — Present

Software Engineering Intern

- Developed and deployed 15+ full-stack features using React, MUI, Express, and TypeScript for an EdTech startup, integrating REST APIs within an MVC architecture
- Optimized frontend performance, reducing page load times by 25% and improving responsiveness across devices
- Wrote 50+ unit and integration tests with Vitest and MSW, catching regressions before deployment
- Reviewed 30+ pull requests and enforced branching standards across the team, reducing merge-related bugs by ~15%
- Analyzed user traffic patterns with Google Analytics to guide UI changes, improving user engagement by ~10%
- Built and delivered 5+ technical demos to stakeholders ahead of investor presentations

Harris Central Appraisal District – Houston, TX

May 2024 — August 2024

Information Technology Intern

- Resolved 15+ IT support tickets daily, troubleshooting hardware, software, and system errors to minimize downtime
- Installed, configured, and upgraded computers, servers, and devices, including PC imaging and cloud/remote environment setup
- Managed Active Directory for 600+ users while collaborating with network, web, and cybersecurity teams on cross-functional issues
- Reduced repeat support requests by 20% by streamlining processes and training staff on new programs and procedures

Lululemon Athletica – Sugarland, TX

October 2023 — Present

Educator

- Operated POS systems and supported inventory/restock reporting for 5,000+ products
- Built strong communication and teamwork skills managing high-volume guest interactions alongside cross-functional store operations
- Balanced customer-facing responsibilities with store operations while maintaining school and internship commitments

PROJECTS

Repo Ops Agent — Personal Project

github.com/sameerchohan/repo-ops-agent

- Deployed an LLM-powered agent (DeepSeek API) to production with a validation layer that independently verifies model decisions before committing any action, addressing model-output security before it reaches a live system
- Containerized the full stack with Docker and set up a GitHub Actions CI/CD pipeline building and validating container images on every push
- Solely architected a multi-turn tool-calling agent that autonomously triages GitHub issues, rather than a single prompt-response call
- Built a Postgres-backed audit log of every agent decision and a React dashboard to visualize it, with accessibility-checked data visualization
- Managed and tested REST APIs with Postman supporting the agent's decision loop and dashboard data layer

Business Marketing Site — Freelance Project

github.com/sameerchohan/website-sample

- Built a Next.js 16 (App Router) and Express monorepo for a local service business, with every page statically prerendered for SEO
- Architected a decoupled backend (Zod-validated API, rate-limited contact form) designed for AWS deployment via ECS/Fargate or Lambda

SKILLS

Languages: JavaScript, TypeScript, Python, SQL, C++

Frameworks & Tools: React, Next.js, Node.js, Express, MUI, REST APIs, PostgreSQL, MongoDB, DynamoDB, Git/GitHub, Docker, AWS, Postman

Practices: MVC Architecture, CI/CD Workflows, Agile/Scrum, LLM Tool-Calling / Agentic AI, Vitest, MSW, Jira/Asana, Claude Code