

Experience

Software Engineer - Latitude Research - Remote

February 2021 - April 2025

- Translated Figma designs into modular components and responsive application pages
- Designed and implemented core business logic, non-relational database integrations, and dynamic interfaces supporting 1,000+ users
- Automated testing and deployment with GitHub Actions to enable CI/CD pipelines and catch bugs earlier, improving product stability and reducing bugs by 5%
- Diagnosed and resolved complex production issues by enhancing logging and debugging workflows
- Used the Sentry error tracking tool to monitor and resolve errors promptly, improving application reliability and reducing issue resolution time by an estimated 15%
- Improved performance and maintainability by refactoring inefficient logic, removing duplication, and enforcing code quality through peer reviews

Website Administrator (Volunteer) - Boston Hash House Harriers Running Club - Boston, MA

October 2020 - Present

- Facilitate event registration for ~150 participants by managing form creation, data handling, and backend integration
- Enhance usability by optimizing layouts for mobile devices and improving overall user experience
- Create and maintain documentation to ensure easy onboarding for future administrators
- Transitioned the database from PostgreSQL to Google Sheets to streamline operations and improve usability, using the Sheets API to treat it as a structured data store supporting real-time access and dynamic queries
- Rebuilt the website using the Svelte and SvelteKit frameworks, replacing Ruby on Rails to boost speed and simplify maintainability

Skills

Languages:

TypeScript, Python, JavaScript, Java, HTML, CSS, SCSS

Frontend:

Svelte, SvelteKit, React, Next.js

Backend:

Express.js, Node.js, FastAPI, Cloud Firestore, PostgreSQL, MySQL, MongoDB

Testing:

Cypress, Playwright, Jest

Tools & Platforms:

Git, GitHub Actions (CI/CD), ElasticSearch, Sentry, Figma, Tailwind CSS, Material UI

Education

Boston University - Boston, MA

Master of Science in Computer Science

Computer Science Undergraduate Certificate

Dartmouth College - Hanover, NH

Bachelor of Arts in Psychology