Wyatt Hawes

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EDUCATION

University of California, Santa Cruz 2021 – 2024
B.S. — Major in Computer Science: Design, Minor in Computer Science GPA: 3.9

EXPERIENCE

Beyond Liberty Santa Cruz, CA
Web Developer *July 2024 – Present*
- Developed the Beyond Liberty website and sister sites, driving $1000+ in monthly donations through custom payment integrations.
- Transformed stakeholder needs into functional features, including dynamic styling, layout designs, and sponsor/donation pages.

University of California Santa Cruz, CA
Network Technician (Residential) *September 2022 – Present*
- Resolved 100% of network issues for ~30,000 clients across ~700 buildings.
- Reduced ticket handling time by 20% by creating a custom Visual Task-Board and automating the ticket dashboard to eliminate sorting errors.
- Onboarded and trained dozens of new hires, increasing engagement by 50% and information retention by 30% compared to previous years.
- Streamlined office dashboard startup procedure by 95%. Introduced automated scripts to deploy dashboards in seconds.

Web Developer *July 2023 – September 2024*
- Developed the 2024 STC conference website, enabling attendee and sponsor registration, and access to general info
- Collaborated with board members to deliver features aligned with conference goals and user needs.

Full Stack Web Dev. Tutor *May 2024 – Present*
- Tutored at the request of multiple professors. Taught JavaScript, React, HTML/CSS design, and REST APIs.
- Adapted teaching methods to help hundreds of students overcome mental blocks, fostering mastery and continuous improvement.

Webacy Remote
Data Security Analyst Intern *June 2024 – September 2024*
- Conducted cluster, frequency, and correlation analysis using SQL, Excel, and Tableau to identify smart contract vulnerabilities, risk patterns, and associations.

PROJECTS

Res-Net Visual Task-Board August 2024 – December 2024
- Took initiative to address inefficiencies in the previous taskboard by developing a new internal task-board using Node.js, JavaScript, React, Python, and the ServiceNow API
- Project reduced ticket handling time by 20%

Distributed System: Synchronized Key-Value Store (Go / Golang) December 2024
- Designed and implemented a distributed key-value store in Go, ensuring fault tolerance, high availability, and causal consistency for correct update ordering across replicas.
- Collaborated on a team of 3 to develop replication mechanisms, failure detection, and custom network protocols to optimize system resilience and performance.

SKILLS

Programming: Go/Golang, Java, JavaScript, Python, C++, Node.js, React, Next.js, GraphQL, REST, TypeScript
Tools: Git, Docker, GitHub Actions, Docker, AWS, PostgreSQL, Jest, Linux
Concepts: Parallel/Concurrent Programming, Full Stack Development, Microservices, Distributed Systems, Data Structures & Algorithms, AI, Software Development Lifecycle, Development Patterns & Code Quality, Prototypes, Automatic Data-Collection, Code Coverage & Testing, API's, CI/CD, Web Development, Containerization