Wyatt Hawes

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EDUCATION

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

EXPERIENCE

Beyond Liberty   Santa Cruz, CA
Web Developer   *July 2024 – Current*
- Developed the Beyond Liberty Website & sister websites. Managed domains, certificates, and donation campaigns
- Created custom JQuery e-commerce page for sponsors and donations, dynamic styling & layout designs in collaboration with the design team

University of California   Santa Cruz, CA
Network Technician (Residential)   *September 2022 – Present*
- Managed, Diagnosed, troubleshot, and fixed campus network issues for ∼30,000 clients across ∼700 buildings.
- Created custom Visual Taskboard & enhanced the office ticket dashboard to help technicians troubleshoot and respond faster to clients, cutting ticket handling time by 20%, and eliminating sorting errors through automation
- Successfully on-boarded and trained dozens of new employees simultaneously in office skills, troubleshooting techniques, and networking tools in a multi-week training program. Increased new-hire engagement by 50% and information retention by 30% compared to previous years

Web Developer   *July 2023 – September 2024*
- Developer for the 2024 Student Technology Conference website

Full Stack Web Dev. Tutor   *May 2024 – Present*
- Proficiency in a range of technologies including JavaScript, HTML/CSS, Node.js, React, Angular, and RESTful APIs, helping students integrate these technologies into their projects.
- Offered constructive feedback on student projects, and assignments, fostering continuous improvement and mastery of web development skills.

Webacy   Remote
Data Security Analyst Intern   *June 2024 – September 2024*
- Computed cluster analysis, discovering patterns and commonalities among smart contracts to profile risks.
- Used SQL, Excel, and Tableau for complex data analysis, manipulation, and visualization, uncovering actionable insights into smart contract vulnerabilities and risk profiles.
- Performed frequency and correlation analysis of risk tags to identify prevalent vulnerabilities and their associations, utilizing advanced data manipulation and statistical tools.

PROJECTS

Res-Net Visual Task-board   August 2024 – December 2024
- Took initiative to create a new solution after identifying issues with the current ticket sorting method. Uses Node.js, JavaScript, Python, and the ServiceNow API to create an internally hosted task-board.
- Automated ticket management by sorting tickets based on real-time data, eliminating manual re-sorting, reducing ticket handling time by 20% while increasing tech workflow efficiency.

Distributed System: Synchronized Key-Value Store (Go)   December 2024
- A distributed key-value store in Go, designed for fault tolerance and high availability. Enforces Causal Consistency ensuring correct ordering of updates across distributed replicas.
- Collaborated in a team to design our replication and failure mechanisms, failure detection, and network communication protocol.

SKILLS

Programming: JavaScript, Go, Java, Linux, C++, C#, Python, PostgreSQL, Node.js, Next.js, GraphQL, Docker, Git, Jest, AWS, REST, Typescript, Web Development, React, Front-end, Jest

Relevant Coursework: Full Stack Web Development I & II, Distributed Systems, Development Patterns (Scalability, Sustainability, Refactoring), Systems Design, Data Structures & Algorithms, Advanced Programming I & II, Parallel / Concurrent / GPU Programming, Artificial Intelligence, Software Development Studio I & II & III & IV & V