Hope Walton

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EXPERIENCE

Volunteer Board Member, Web Developer/NIMA   **March 2024-Present**

- Successfully pitched and secured the role of Web Developer on the NIMA board by presenting a detailed proposal that earned support from over 100 fellow members.
- Spearheaded the development of a comprehensive website for NIMA, enhancing both aesthetics and functionality to streamline organizational processes.
- Implemented payment and membership features using Fillout form integration and stripe API, reducing administrative workload by 40% and cutting volunteer processing time from 3 hours to 1 hour per volunteer.
- Collaborated with board members through in-person and virtual meetings, incorporating feedback that improved functionality based on user feedback and emerging organizational needs.
- Iterated on website design using Agile principles, releasing updates monthly that improved functionality based on user feedback and emerging organizational needs.
- Coordinated the launch and ongoing SEO initiatives for the NIMA website, utilizing targeted keyword research to drive a 30% increase in traffic and elevating the website's ranking from page 5 to page 1 on Google Search for key terms.

Developer, UI Ux Trainee/Global Tech-Publicis Sapient Consulting   **Jan 2024 - May 2024**

- Conducted market research with competitor analysis and surveys to identify product features for Marriott.
- Analyzed user research using thematic analysis and tools like Excel and Tableau, extracting actionable insights to influence future product design decisions, reducing churn rates by 10%.
- Engineered a user-centric prototype using Figma that incorporated feedback from 15 testing sessions; improved communication of upcoming features with the development team, leading to faster implementation timelines by two weeks.
- Enhanced a legacy codebase by implementing geospatial data visualization features with OpenLayers API.

Web Developer Trainee/Global Tech   **Jan 2024 - May 2024**

- Developed and launched six interactive web applications, including educational games and calculators; utilized HTML, CSS, Bootstrap, and JavaScript to enhance user engagement by creating visually appealing interfaces.
- Improved and redesigned legacy web applications by optimizing UI components, debugging code with Chrome Developer Tools, and resolving 50+ issues to ensure seamless functionality.
- Conducted UX research and prototyped digital products using Figma, collecting user feedback that informed design changes, reducing user onboarding time by 20%.
- Integrated third-party APIs, such as Google Maps and OpenWeather, into web applications, enhancing functionality and enabling dynamic data visualization for end-users.

Teacher, Locum/Coeur d'Alene School District   **January 2023 - January 2024**

- Implemented Individualized Education Plans for 25 students, boosting engagement by 40%.
- Frequently requested by educators and leadership for assignment coverage, managing over 50 lessons across 10+ subjects per month and maintaining a 95% satisfaction rate among staff.

SKILLS

● HTML & CSS	● JavaScript	● SQL
● C++	● React	● Node.js
● API Development	● PHP	

EDUCATION

B.S. Computer Science / **Fort Hays State University**   **August 2025**

- Java Programming
- Data Structures
- Discrete Mathematics
- Database Design with SQL
- Front End Development
- Back End Development
- Computer Science/C++
- Software Engineering

B.S. Biological Health Sciences / **University of South Florida**   **May 2017**