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Professional Summary

Early career software engineer specializing in Machine Learning, Databases, and Backend Web Development. Is an exceptional collaborator with group coordination and leadership experience. Self-driven and eager to learn with solid skills in Python, Javascript, Java, and C.

Education

Bachelor of Science in Computer Science, University of Puget Sound, Tacoma, WA

- Cumulative Unweighted GPA 3.46/4.0
- Relevant Coursework: Data Structures and Algorithms, Operating Systems, Databases, Linear Algebra, Architecture, Natural Language Processing, Intermediate Applied Statistics, Intro to Artificial Intelligence, Multivariate Calculus, Software Engineering

Proficiencies

- **Languages**: Java, Javascript, PHP, SQL, Python, C, C#.
- **Skills**: GitHub, Jupyter Notebooks, Windows, Unix, Databases, Node, Express, Unity, Natural Language Processing, Machine Learning, Keras, HTML, CSS, Debugging, Optimization.
- **Leadership Competencies:** Communication, Collaboration, Time Management, Group Organization, Researching, and Presenting.

Projects

Lost and Found Campus Webapp

Computer Science Capstone, University of Puget Sound, Tacoma, WA

- Used Javascript, HTML/CSS, MongoDB, and Amazon AWS server to create a webapp that helps campus security services deal with lost and found items from students.
- Researched, designed, and developed a secure, efficient, and scalable remote database backend, storing user information and images to be fed to the frontend site.
- Collaborated with peers, coordinating design plans and logistics between the backend and frontend teams to ensure a cohesive and thoroughly implemented design.
- Communicated complex technical ideas to a non-technically adept client and implemented feedback to satisfy their specifications in the final product.
- Synchronized progress across multiple teams and uploaded the current build version to a remote Amazon Web server using GitHub.

Class Registration Webapp Prototype

Software Engineering, University of Puget Sound, Tacoma, WA

- Used Javascript, PHP, and HTML/CSS to create clear, easy-to-use, and dynamic webpages for users of varying admin levels.
- Configured a remote Linux Apache webserver to host the webpages and SQL database.
- Normalized schemas and designed PHP queries resulting in space and time-efficient SQL transactions.
- Used GitHub to synchronize code between group members and the remote Apache web server.

Experience

Accessibility Specialist in Test, January 2023 – Present

Converge Accessibility LLC, Seattle, WA

- Conducts and oversees web and mobile app accessibility testing and reporting, and performs accessibility finding review calls with clients.
- Configures and manages ongoing automated accessibility scanning and reporting for clients.
- Advocates for digital accessibility and inclusive design by presenting at national and international disability conferences for Converge Accessibility.

Computer Science Department Tutor / Teaching Assistant, August 2020 – May 2022

University of Puget Sound, Tacoma, WA

- Supported college students to develop an understanding of course concepts and enabled them to succeed on projects and assignments.

- Used active listening and an intentional approach to guidance to facilitate students completing their assignments independently, taking into account where each student was in their development.

Information Technology Assistant, May 2017 – August 2019
Bellevue School District, Bellevue, WA

- Collaborated with a team to prepare and set up over 18,000 school laptops while managing time to complete both assigned active and passive projects.
- Provided tech support for over 800 attendees including hardware setup and software troubleshooting at Bellevue School District's Northwest AP conference (2017).