PAUL SWAN

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📍 Sammamish, Washington, USA

PORTFOLIO: paulswan.dev

WASHINGTON STATE UNIVERSITY

Major: Digital Technology: Web Design and Development Specialization. B.A.
Minor: Computer Science
GPA: 3.27
Graduation Date: Fall 2023

SKILLS:

Angular 14, Bootstrap, XML, .NET, AngularJS, Microsoft Office, Leadership, PostgreSQL, SQL, Chief Architect, WordPress, Figma, Cassandra, Minecraft, JetBrains, Node.js, REST, PyServer, Git, Docker, jQuery, WebStorm, CSS and HTML. Application of Agile Development, application of AI image generation to web design, Prompt Engineering.

PROGRAMMING AND SCRIPTING LANGUAGES:

C#, C++, TypeScript, JavaScript (from class and certification), SQL, HTML and CSS.

COMPUTER SCIENCE RELATED COURSES

TAKEN:

Computer Programming, Program Design and Development, Logic, Data Structures, Advanced Data Structures, Human Computer Interaction, Digital Technology and Culture, Software Engineering I, Web Development and Big Data. Usability and Interface Design, Object Orientated Software Principles (learning C#), Artificial Intelligence.

OTHER CERTIFICATIONS

- JavaScript Specialization Certification from University of California, Davis on Coursera. Certificate Earned October 13th, 2022.

WORK EXPERIANCE:

Tutoring - Contract Work – 2-hour sessions   OCT 2022, JUNE 2023
- Assisted a person in HTML and CSS related projects.
- Assisted a person in the Electron framework and JavaScript.

SELECTED PROJECTS:

Portfolio Website| NodeJS, Angular, Firebase   DEC 2021 – PRESENT
- Showcases Projects and Angular abilities, took over 100 hours.
- Engineered search tool and contact page, which has an email server to allow user to send messages to my email account.
- Utilized AngularJS before rebuilding website in Angular.

Weather App| JavaScript, HTML, CSS   APRIL – MAY 2023
- Applied analytical thinking to create a user interface design through HTML and CSS and JavaScript.
- Connects to an external weather API and processes information from it.

YouTube Analyzer| Cassandra DB, PyServer, React   SEP – DEC 2022
- Programmed for a team project which is like YouTube, which has a search function and the sorting and display of image data.
- I was the team lead and built a PyServer and applied database optimization methods and ensured Database to API layer communication.

Librarian Portal| PostgreSQL, NodeJS, Angular   JAN – MAY 2022
- Group Project where I arranged the framework of the website while getting the stack consisting of the Database, NodeJS server and front-end to communicate, took 50 hours.

Spreadsheet Application| WinForms, C#, .NET, MVC   JAN 2023 – MAY 2023
- Semester long class project which applied Object-Oriented Design Principles.

HONORS, LEADERSHIP AND VOLUNTEERING

Aware Club | President   SEPT 2019 – MAR 2020
- Brought inclusion to people with disabilities by coordinating events to facilitate social interaction & disability awareness.

Class Senator   SEPT 2017 – MAR 2020
- Delegated event planning to the Executive branch of student government, which enhanced productivity at Eastlake High School.

Digital Media Club| Secretary   SEP 2022 – PRESENT
- Publishes weekly newsletter.
- Guided meeting on AI related tools (Midjourney and ChatGPT).

Association for Computing Machinery| Project of the Month   SEP 2022
- The Portfolio Website won a club website making competition.