Peter Dorich

Hood River, OR • (541) 806 – 0658 • dorich.peter@gmail.com • https://peterdorich.github.io/Portfolio/

Graduate Software Engineer Profile

*Enthusiastic and self-motivated professional with B.S. Applied Computer Science degree from Oregon State University complemented by exceptional communication skills; poised to excel as a **Software Engineer**.*

Knowledgeable in software development design patterns and principles, including agile development. Equipped with solid understanding of web technologies. Capacity to research, design, implement, and manage software, while testing and evaluating new programs. Skilled in data structures, systems modeling, computer architecture, and assembly language. Ability to evaluate and develop software systems, while analyzing formal software requirements and meeting quality standards. Capable of designing, developing, testing, and deploying various web applications. Talent for identifying and developing areas for modification in existing programs as well as writing and implementing code. Quick learner who can master new technologies in no time. Successfully works in both team and self-directed settings; possesses excellent interpersonal, organizational, and problem-solving skills. **Knowledgeable in…**

- Software Development
- Software Design & Coding
- Project Coordination
- Design & Code Reviews
- Data Structures
- Development Tests
- Programming / Coding Languages
- Writing & Maintaining Code
- Databases & Operating Systems

EDUCATION & CREDENTIALS

B.S. Applied Computer Science (2019) | Oregon State University, Corvallis, OR

Technical Skills: Languages: C, C++, Python, MySQL, Arduino, HTML, and CSS

KEY PROJECTS

React Portfolio | Hood River, OR | 2020

- Utilized React.js, CSS, HTML, and regular JavaScript to develop a portfolio website.
- https://peterdorich.github.io/Portfolio/

Relational Database | Corvallis, OR | 2019

- Used MySQL and phpMyAdmin to design a relational database with a keen focus on supporting 4 database operations, "Create, Read, Update, and Delete".

IoT Irrigation Valve | Corvallis, OR | 2017 to 2018

- Designed an open-source internet-connected irrigation valve control system for P&R Surge Systems in close collaboration with a team of professionals.
- Worked on the 'Communications Hub' to transmit instructions and data between a cloud service and the irrigation valves through microcontrollers and Arduino.

INTERNSHIP

Insitu | Hood River, OR | 2017
Intern.

Developed basic knowledge of working in a professional engineering environment. Gained understanding of Jira, Confluence, and Visual Studio.

- Implemented static analysis and utilized agile software development.
- Leveraged Clang compiler and LLVM tools to create a static analysis program at Insitu that enabled automated code reviews.

Additional Experience:

*Lifeguard, Front Desk Clerk, Manager on Duty at Hood River Valley Parks and Recreation Aquatic Center **|** Sigma Pi Fraternity member and Executive Council Secretary*