

Peter Dorich

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Site: <https://peterdorich.github.io/Portfolio/>

Objective:

To obtain a challenging software developer / engineering position to further my skillset and knowledge and to gain professional industry experience.

Education:

Oregon State University

(Corvallis, OR) 2014 - 2019

Degree: B.S. Applied Computer Science.

Minor: Business & Entrepreneurship.

GPA: 3.2

Work Experience:

Insitu

(Hood River, OR) Summer 2017

- **Intern.** Through Insitu I was introduced to the software engineering industry and learned to work in a professional engineering environment as a team member. Worked to implement **Static Analysis** and utilized **Agile Software Development**.

Hood River Valley Parks and Recreation Aquatic Center

(Hood River, OR) 2011 - 2017

- **Lifeguard, Front Desk Clerk, Manager on Duty.** Learned to become a skillful decision maker, honed professional leadership tactics, and developed excellent problem-solving capabilities.

Projects:

React Portfolio

(Hood River, OR) Spring 2020

- **Side Project.** Created a portfolio website to show my skills and projects to potential employers. The website was built using React.js, CSS, HTML, and regular JavaScript. The website is hosted using GitHub Pages. The link can be found at the top of this resume.

Relational Database

(Corvallis, OR) Spring 2019

- **Class Project.** Designed a relational database using MySQL and phpMyAdmin, which supported the create, read, update, and delete database operations while maintaining a valid state.

IoT Irrigation Valve

(Corvallis, OR) 2017 - 2018

- **Senior Project.** Worked with a team to design an open-source internet-connected irrigation valve control system for P&R Surge Systems. I worked on the 'Communications Hub' that transmitted instructions and data between a cloud service and the irrigation valves using microcontrollers and Arduino.

Insitu Static Analysis

(Hood River, OR) Summer 2017

- **Insitu Intern Project.** Used the Clang compiler and LLVM tools to create a static analysis program at Insitu, which would allow code reviews to be automated. This project gave me experience working with portions of the Insitu code base, as well as company used tools such as Jira, Confluence, and Visual Studio.

Technical Skills:

Courses and Languages:

- **Languages:** C, C++, Python, MySQL, Arduino, HTML, CSS.
- **Software Engineering 2:** Evaluating and developing software systems, testing, systems modeling, analyzing formal software requirements and meeting standards.
- **Others:** Data Structures, Computer Architecture & Assembly Language, Introduction to Security.

Volunteering:

- **Sigma Pi Fraternity member and Executive Council Secretary, January 2015 - Spring 2018.** Worked to organize many events for charity organizations, including the Amazing Day Foundation, and CASA. As Secretary, I was responsible for internal reporting and communication for the organization.