

Peter Dorich

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1485 Nunamaker Rd., Hood River OR, 97031

Objective:

To obtain a software developer/ engineering position to further augment my knowledge and skills in software development.

Education:

Oregon State University

(Corvallis, OR) 2014 - 2019

Degree: B.S. Applied Computer Science

Minor: Business & Entrepreneurship

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:

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.

Technical Skills:

Languages: C, C++, Python, MASM assembly Language, MySQL, Arduino, HTML CSS.

Favorite Courses:

- **Database Management Systems:** Worked with a team to create a large relational database capable of holding and querying against large numbers of tuples.
- **Software Engineering 2:** Evaluating and developing software systems, testing, systems modeling, analyzing formal software requirements and meeting standards.
- **Others Favorites:** Data Structures, Computer Architecture & Assembly Language, Introduction to Security.

Volunteering:

- Sigma Pi Fraternity **Executive Council Secretary**, January 2016- January 2017. Helped lead an entire organization, handling all internal communications and fraternity reporting to our national office.
- Sigma Pi Fraternity member, January 2015-Spring 2018. Worked to organize many charity events, including the Amazing Day Foundation, and CASA.

