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, *January2015 - Spring 2018.* Worked to organize many charity events for charity organizations, including the Amazing Day Foundation, and CASA.