Benjiman Walsh

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Hardworking and versatile computer science graduate interested in gaining experience in software engineering, robotics and DevOps.

Education

2018 - 2022
Oregon State University
Bachelor of Science in Computer Systems
Corvallis, OR

- GPA 3.67
- Ford Family Foundation Scholarship Recipient

Projects

Septmeber 2021 - Present
Global Formula Racing Telemetry
Automating the collection and real-time visualizaton of data from a driverless, IoT racecar using a Raspberry Pi and Docker Compose.

May 2022 - June 2022
Tarpaulin API
Simple containerized RESTful API, implemted with 4 other group members using NodeJS, Docker and a Github Flow branching strategy.

September 2017 - June 2018
Millers Integrated Nature Experience
Creative director heavily involved with the direction of two award winning magazines, Sonder issue no. 2 and Backcountry Review issue no. 4

Skills/Certifcations

Proficient in:

- Robot Operating System (ROS)
- Controller Area Networks (CAN)
- Docker and Docker Compose
- Linux, shell interfaces, Git and Github
- REST API development
- Virtualbox, WSL and computer architecture

Languages
Bash, C/C++, Python, JavaScript/NodeJS, Atmel and x86 assembly, latex, and SystemVerilog

Fluent in Spanish, B1 level
Certified by Instituto Cervantes
Madrid, Spain 2016

Experience

July 2019 - August 2021 (Summers)
Full Time Warehouse Associate
Amazon.com Services LLC
Troutdale, OR