

MIGUEL A. RUIZ

NEW GRAD SOFTWARE ENGINEER

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PROFESSIONAL EXPERIENCE

CVS Health

Junior Backend Developer, June 2022 – October 2022

- Experience with large scale Web oriented Architectures.
- Experience developing REST/Spring/Java/Maven applications.
- Experience Testing frameworks with Junit.
- Developed applications based on software development best practices.

U.S. NAVY

Avionics Electronics Technician, September 2012-October 2017

- Attained and secured a Secret Clearance that allowed me to troubleshoot classified systems on the EA-18G Growler fighter Aircraft. Achieved the Supervisor role that maintained the avionics and navigation systems found in the aircraft, on land and on the Carrier Flight Deck.
- After multiple meritorious achievements, I honourably separated with E-5 Rank.

Artificial Intelligence Club – Oregon State University

President, May 2020 - May 2021

- Established a mentee relationship with faculty that enabled the Club to have a faculty mentor.
- Led individual presentations for club members that consisted of introductions to the following topics: Machine Learning, NLP, Computer Vision, Neural Networks, Object Detection.
- Led the development stages for an object detection project utilizing Pytorch to assist with data management and model fine tuning.

URSA Engage – Oregon State University

Undergraduate Researcher, February 2019 – September 2019

- Troubleshoot and repaired 8 non-functioning Pioneer 3DX “UGV”. Calibrated their Lidar and communications through ROS with Python written nodes.
- Helped deploy scalable algorithms on rescue domains designed for multi-robot asynchronous execution.

EDUCATION

Oregon State University – Corvallis, OR

B.S. Computer Science, March 2022

Applied Computer Science

Skills

- Python, JavaScript, React.js, Node.js
- AWS, Google Cloud, Pytorch, Tensorflow
- C++, CSS, HTML, KOTLIN, R, RESTFUL API, Linux, Junit, Postman, IntelliJ IDE, Eclipse
- Familiarity with: C, SQL, .NET, C#, Jenkins