

Miguel A. Ruiz

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Education

2017- Current Oregon State University Corvallis , OR

- B.S. Computer Science – Applied Artificial Intelligence, 2022 estimated completion.
- Undergraduate Artificial intelligence with robotics courses.

2009 - 2012 Florida State college Jacksonville , FL

- A.A. Liberal arts degree with computer classes to increase knowledge and technical skill.

Experience

05/2020- 05/2021

Artificial Intelligence Club President

- Set and moderated goals for the club, planned and presided over club activities, trained officers.
- Established high levels of communication with OSU faculty that lead to various Guest Speakers.
- Generated curated projects for the entry level club members to practice AI.

06/2020-10/2020

Autonomous Vehicles Undergraduate Technician

- Develop and test sensor drivers for Unmanned Ground Vehicles in an Arduino environment.
- Drone and rover calibration for swarm testing environment.
- Design and test of High-level path planning of vehicles through a remote dispatch.

03/2020-06/2020

Undergraduate Teaching Assistant – Oregon State University

- Assist professor with teaching web development course at a college level online.
- Guided student's individual website projects for coding accuracy and professionalism required to pass the course.

2012 – 2017 U.S. NAVY

Aviation Electrician Mate

- Aviation Electronics Technician Second Class (E5) US Navy.
Five years' experience troubleshooting Fighter Aircraft as an Intermediate level technician.

Skills

Labs: Coris Reseach software designer/developer for robotic systems.

Programming languages: python, java, C++, C, javascript.

Languages: English and Spanish at college level reading/writing proficiency.

