

Sirio S. Jansen-Sanchez

(617) 470-2630, jansenss@my.erau.edu

EDUCATION

Sep 2022 — Present **Embry-Riddle Aeronautical University** Daytona Beach, Florida
Bachelor of Science, in Electrical Engineering

PROJECT EXPERIENCE

Sep 2023 — Present **Team Lead for AMRA (Autonomous Maritime Robotics Association)**

- In charge of a team of 7 to assemble a fully autonomous submarine that will compete in national competitions in fiscal Quarter 3 of 2023.
- Experience using ROS (Robot Operating System) for interface communication, OpenCv for image processing, and Neural Networks for object recognition and self-navigation.

INTERNSHIPS

Jun 2022 — Aug 2022 **Technical Intern, Comtech Telecommunications** Stoughton, MA

- Provide technical support, troubleshooting, and maintenance to the State of Massachusetts NG-911 (Next Generation Emergency 911) call centers.
- Collaborate with multiple departments to create a mission-critical utility that interfaced with several databases and data centers. Work involved programming the interface from scratch, and testing and deploying it to hundreds of employees.
- Implement AWS GOV-S3 data collection across multiple services for data analysis and statistical analysis

EMPLOYMENT HISTORY

Oct 2018 — Jun 2022 **IT Service Technician / Audio Visual Specialist, Catholic Memorial High School** Boston, MA

- Provide technical support, troubleshooting, maintenance, and upgrades of the school's systems and over 100 devices (computers, projectors, 3D printers, etc.)
- Planned, implemented, and tested a new internal network with a 5-gigabit fiber backbone and reduce 75+ to 50+ *Wireless Access Points*
- Maintain a current list of all students, faculty, and staff on an Active Directory Server hosted remotely; maintain alumni and current student database
- Researched, designed, and implemented a user-friendly video streaming system to *broadcast games and school events*
- Document initial setup and basic troubleshooting for *audio and live streaming systems*

Website Manager, Eire Irish Society of Boston Boston, MA

- Maintain WordPress website along with databases and files associated with the website
- Create and archive a list of all events

SKILLS

Python	Microsoft Office
C++	MS SQL
Matlab	Adobe Editing Suite

LANGUAGES

Spanish;
Castilian