

## Jorgeandres Alvarez

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### Education

#### Florida Polytechnic University

Pursuing Bachelor's in Computer Science

Expected Graduation Date: May 2026

GPA 3.40

- Presidential Ambassador
- Coding and Math Teacher
- Roboboat Networks Lead
- SHPE Member
- Webmaster IEEE Society (2024)
- Lifeguard/Recreation Associate

### Technical Skills

- Embedded Software Engineering
- Eloquent Speaker
- C, C++, Python, Java, SQL
- Computer Vision
- ROS2 Computing and Gazebo Simulation
- Object-Oriented Programming
- Database Management System
- Bilingual: Spanish
- 7 Years of Work Experience
- Artificial Intelligence

### Professional Experience

#### Wiring Technologies Inc.

Lakeland, FL

*Low-Voltage Technician/Cable Technician*

December 2024 — August 2025

- Worked on a construction site laying down the infrastructure for wires and routing several wire systems through several types of buildings.
- Wire systems include data cables, Coaxial Cords, power cables, and Nurse Call systems.
- Worked on the Orlando Health hospital project in Lakeland Heights.

#### Integrity School of the Arts

Lakeland, FL

*Coding and Math tutor*

August 2022 — May 2025

- Taught basic concepts of Python, C++, and Java of classes ranging anywhere from 12-15 students per class.
- Tutored high school students in concepts in Pre-Algebra, Geometry, and Algebra 1.
- Started an Esports program that created opportunities for students to participate in leagues across America.

### Projects

#### Socket-Based Network Project

November 2024

Users could connect to a server to download/upload files.

#### CRM Software Project

January 2024-Present

Hired to create a database for Bill Krautler Photography and Hazely Corp.

#### RoboBoat Project

August 2025-Present

Team dedicated to creating an autonomous boat. Created programs/utilized Machine Learning