

# Robert Conde

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## EDUCATION

### University of Florida

*Bachelor of Science in Computer Science*

### Doral College

*Associate in Arts – Summa Cum Laude*

Gainesville, FL

*May 2025*

Miami, FL

*June 2022*

## TECHNICAL SKILLS

**Languages:** TypeScript, JavaScript, C++, PHP, SQL, Python, Postgres, Java, HTML/CSS

**Frameworks:** React, Tailwind CSS, Bootstrap, Flask, Moodle, WebWork, WordPress

**Developer Tools:** VS Code, Git, WebStorm, PyCharm, PHPStorm, CLion, IntelliJ, Eclipse

## WORK EXPERIENCE

### SWE Intern – PeopleInsight (CoreS/Backend Team)

May – August 2023

*Amazon, Inc*

*Seattle, WA*

- Developed a first-party Slack app that serves as an interface to the Amazon Engage infrastructure
- Worked with numerous AWS services including CloudFormation (CFN & CDK), IAM, Lambda, API Gateway, S3, DynamoDB, & Secrets Manager to create the Slack-facing service
- Securely integrated with multiple existing services by creating multiple APIs that interface with Slack infrastructure
- Completed milestones and project ahead of schedule

### Teacher's Assistant – Computational Linear Algebra

Spring '23, Fall '23

*University of Florida*

*Gainesville, FL*

- Assisting the professor in the evaluation of course assignments and student feedback
- Holding office hours multiple times a week to review lecture material, answer questions, and provide assistance with assignments

## INVOLVEMENT

### Open Source Club (OSC) | Technical Lead

Sept. 2022 – Present

- Create a sustainable open-source community while managing multiple projects that span multiple semesters
- Provide guidance and support to project members through in-person and virtual collaboration
- Contribute directly to codebases, review submitted code through GitHub, evaluate effectiveness, and create & execute unit tests through GitHub

## PROJECTS

### Schedule Helper (OSC Project) | React, TypeScript, Tailwind CSS, Git

Sept. 2022 – Present

- Uses the University of Florida's schedule-of-courses API to obtain course information
- Allows students to select courses and alternative options to pick the best schedule for their needs
- Combined use of generator functions and cached queries provide the user with a responsive UI

### Tilter (Hackathon Project) | Python, Arduino, Android

Sept. 2022

- Designed and built a ball balancing robot in under 36 hours and placed 1st overall at ShellHacks in 2022, Florida's largest hackathon
- Developed low-contrast object detection code
- Implemented high-level object path prediction and response methods

### EuLeR – MAO Management System | PHP, Bootstrap, Git, JavaScript, jQuery, CSS

June 2020 – Aug. 2023

- Developed a full-stack web application using pure PHP with Bootstrap for the frontend as a solution for a chapter of Florida's Association for Mu Alpha Theta (FAMAT – Mathematics Competition & Honor Society)
- Implemented payment creation and transactions history
- Created tens of report menus for many use cases
- Integrated existing Scantron bubbling software to expedite competition preparation
- Tracks competitor information including assigned school code, bus, room, forms status, and other registration details for each competition
- Exported, cleaned, and imported years of data to the new system for a seamless transition

## AWARDS & CERTIFICATES

**MLH ShellHacks (FIU) – Hackathon** | 1st Overall In-person Project

Sept. 2022

**UCF HSPT – Computer Science Comp.** | 6th of 84 Teams ('22) / 11th of 113 Teams ('20)

March 2020/22

**Lockheed Martin – Cybersecurity Competition** | 2nd in Florida, 5th Globally

Feb. 2021

**picoCTF (Carnegie Mellon) – Cybersec. Comp.** | Top 5% in US & Top 10% Globally

Sept. – Oct. 2019

**FIU HSPC – Computer Science Comp.** | 8th Team in FL & 6th in Division

April 2019