

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

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 units tests through GitHub

PROJECTS

Swamp Scheduler (OSC Project) | *React, TypeScript, Django, Tailwind CSS, Git*

Sept. 2022 – Present

- Establishes a single responsive API for courses, evaluations, and campus data at the University of Florida
- Allows students to select courses and alternative options to generate schedules that fit their needs
- Allows students to get estimated walking and biking times for back-to-back classes
- 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