

Pedro Moura

its.pedromoura@gmail.com

321-977-1435

150 W. University Blvd., Melbourne, FL 32901

www.linkedin.com/in/pedroomour

<https://github.com/moura-pedro>

Summary

Currently, I'm an undergraduate Computer Science student at the Florida Institute of Technology. I have several years of software development experience working on various projects, from robotics to web development applications. I'm presently exploring the field of AI, focusing on Machine Learning.

Skills

Technical: C, C++, Java, Python, React, TypeScript, R, Data Analysis, Robotics, MATLAB, Arduino, Raspberry Pi, HTML, Linux, ML, Scikit-learn, Pandas, Numpy

Soft: Teamwork, Collaboration, Communication, Leadership, Problem-Solving

Education

Florida Institute of Technology, Melbourne FL

Aug 2021 - May 2025

Bachelor in Computer Science GPA: 3.5

- Dean's List
- Phi Eta Sigma National Honor Society

Experience

Software Developer Engineer Intern

May 2023 - Aug 2023

Amazon Web Services (AWS), Seattle WA

- Optimized brick and patch rack optics planning in AWS Data Centres based on networking logistics.
- Developed Batch jobs to collect rack data from inventory projections, process it to generate optics demand forecasts, and send it downstream for optics ordering.

Software Developer Engineer Intern

May 2022 - Aug 2022

Amazon, Arlington VA

- Built an enhanced and native landing page using React
- Developed a User Preferences page to help usability
- Improved users' experience by adding users' requested features

Projects

Forest Fire

Image Manipulation (Python)

- Uses Pillow and SimpleImage libraries to recolor satellite imagery
- Helps identify and comprehend which areas of the forest are on fire

Dev.Finance

Web Financial Control Application (HTML, CSS, JavaScript)

- Registers and deletes your transactions in a database
- Helps visualize the incoming and outgoing balance and keeps track of incoming and outgoing

Licenses & Certifications

- CS50's Introduction to Computer Science (*Harvard University through edX*)
- Data Analysis and Manipulation with Pandas/Python (*Samsung Ocean*)
- SQL Database Fundamentals (*Microsoft*)

Co-curricular Activities

- Panther Robotics Club
- Competitive Programming Club