

# MATTHEW SEGURA

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## EDUCATION

University of Florida | Gainesville, FL

May 2026

Bachelor of Science in Computer Science | GPA: 3.8

**Relevant Coursework:** Data Structures (C++), Intro to Software Engineering, Mathematics for Machine Learning (Julia/Python), Regression Analysis (R), Penetration Testing: Ethical Hacking(Linux), Databases(SQL)

## PROJECTS

SHPE: SHPE UF iOS App | **Swift Full Stack Developer**

September 2023 – Present

- Designed and implemented an iOS app for SHPE UF using *Xcode*, providing future club event updates/calendar and user engagement features in the homepage of the application.
- Communicated with UI/UX team to design home page, notifications, and event description screens to have a visually appealing application.
- Collaborated with a cross-functional team to enhance the user experience through agile cycles in Asana.
- Acted as go to resource for issues involving *swift*, *Github*, and *Xcode* with team members, and home page design with the Android team (*Kotlin*).

UF Club Discord bot / Web application | **Full Stack Developer**

April 2024

- Developed a custom bot to act as a network for UF clubs' discords, organizing event announcements for related majors/clubs in different servers.
- Led team meetings and organized development sprints, ensuring timely delivery of features that benefited UF clubs.
- Integrated *Firebase* as a secure cloud platform to manage user data and handle web requests for login, profile editing, and club information management.
- Designed the website platform using *React* to act as a hub for clubs to invite Discord bot into their servers and post information, fostering connections between similar clubs at UF.

Fuel Finder | **Full Stack Developer**

November 2023

- Developed a full-stack web application to help users map nearby fuel stations along a predetermined route, improving trip planning for users.
- Utilized *React.js* for the front-end and *Node.js* with *Express* for the back end, creating a seamless user experience.
- Integrated *Google Maps API* and *Kd-tree* data structure to represent *over 100,000* gas station location data to ensure accuracy and usability.

PlantMD | **Hackathon Developer**

October 2023

- Participated in HackGT 2023, developing PlantMD, an application that diagnoses plant diseases through image recognition.
- Worked on the app's UI/UX and camera functionality in *Kotlin*, enabling smooth interaction with the machine learning model.
- Contributed to integrating the machine learning model, providing users with instant feedback on plant health.

## EXPERIENCE

National Auto Lenders | **Software Intern**

July – August 2021

- Shadowed an experienced software professional, a former Microsoft employee, gaining hands-on insight into web development and maintainability best practices.
- Developed proficiency in *HTML*, *CSS*, and *JavaScript*, applying these skills to build and enhance internal web applications.
- Collaborated with a team of interns to develop practice projects, including a Twitter-like application, which strengthened teamwork and agile development skills.

America Luxury Auto Rental | **Sales Rep | Interim Manager (May 2024)**

Summer 2022, 2023, 2024

- Progressed from Sales Representative to full-time Interim Manager, overseeing operations and leading a team during peak seasons.
- Managed staff schedules, handled insurance claims, and led strategic sales decisions to optimize revenue
- Worked closely with senior management to enhance customer service and improve vehicle turnover times.

## SKILLS

**Languages:** C++, Python, Java, R

**Web Dev:** HTML, CSS, Node.js, React

**iOS Dev:** Swift, SwiftUI

**OS:** Linux, Windows, Mac

**Spoken Languages:** English, Spanish (Fluent)

**Databases:** Firebase