

Johnny Casares

[LinkedIn](#) | [GitHub](#)

Education

Bachelor of Science in Computer Science

2020-2023

- Florida International University (FIU), Miami, FL
- Relevant Coursework: Logic for CS, Data Structures, Internet of Things, Computer Architecture, Software Engineering, Intro to Database, AI, Systems Programming, Embedded Systems, Human Computer Interaction, Game Theory, Statistics for CS, Operating Systems, Machine Learning, Mobile App Development
- Involvement: UPE Ignite member, Google DSC member, Codepath member, Women in CS member, Flutter Puzzle Hack 2022, Shellhacks (2021,2022)

Projects

What the Bird doing 🐦 ? (Python, APIs: eBird, XenoCanto, Google)

Spring 2023

- Streamlit app that follows HCI principles. Displays bird data obtained from eBird API, plays the sound of the bird from XenoCanto, and displays the image of the bird using Google

American Sign Language App (Flutter, Web Scraping)

Summer 2023

- Developed a Flutter mobile application that utilizes web scraping techniques to retrieve and display videos demonstrating sign language expressions from SigningSavvy.com.

FIU GYM APP (Java, Firebase)

Spring 2022

- Firebase Firestore for database management, Cloud functions and Cloud Messaging for the notification system, Firebase Authentication, and Android MP Chart library

Work Experience

Mobile App Developer

June 2022 - Present

- Develop and design mobile application and plan database structure
- Design user friendly interface to guarantee best user experience

Teacher Assistant for Programming 1

May 2022 - August 2022 & Present

- Provide educational support to reinforce problem solving skills in students
- Give feedback to professor and students on students' performance

UPE Ignite Remote Volunteer Teacher Internship, Team Lead

January 2021 - May 2021

- Managed the 3-person team by effectively communicating and distributing workload
- Used Google CS First Curriculum to introduce middle school students to programming
- Analyzed performance and interest of students to plan lessons for the following session

Miami-Dade County Public Schools, IT Intern

Summer 2018 and Summer 2019

- Assisted IT Technicians track, analyze, fix, and replace devices in 5 schools around Miami
- Set and organized the school settings for incoming school year in over 100 classrooms

Skills

Technical

App development through Android Studio (Java, [Flutter](#)), IntelliJ (Java), VS Code(Flutter, Python)
Proficient in [Java](#) and [Dart](#) (Flutter). Intermediate in Python, and C programming

Languages

Fluent in English and Spanish