

# JOHNNY CASARES

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## EXPERIENCES

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**Local Startup** | Miami, FL

**June 2022 - Present**

*Freelance Software Developer*

- Implement features and enhancements based on user feedback and product owner requests
- Design, test, and debug code for efficient and reliable production deployment
- Utilize technologies such as Flutter and NoSQL databases to create robust cross platform apps

**Florida International University** | Miami, FL

**May 2022 - August 2023**

*Teacher Assistant for Programming I*

- Offered support to a classroom with over 140 students, using Java as a programming language
- Guided students in adopting best coding standards, fostering code quality culture
- Proctored and supervised exams, ensuring a fair and organized testing environment
- Evaluated assignments, offering constructive feedback to enhance problem-solving skills

**Summer Youth Internship Program at MDCPS** | Miami, FL

**May 2018 - July 2018**

*Information and Technology Intern*

- Provided assistance as an IT Technician, analyzed, fixed, and replaced devices in 5 schools around Miami
- Set up and organized school settings for over 100 classrooms to ensure a smooth start of the school year

## PROJECTS

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

- Developed a user-friendly Streamlit web app that displays comprehensive bird data
- Integrated XenoCanto API for bird sounds and Google API for bird images
- Focused on adhering to Human-Computer Interaction (HCI) principles for a seamless interface

**Valorant Match Outcome ML Model (Python, Power Automate)**

- Utilized web scraping to collect and evaluate data from 300+ matches
- Developed a K-Nearest Neighbor (KNN) ML model for accurate match outcome predictions
- High accuracy and F1-score make the algorithm applicable to game development, and esports analytics

## EDUCATION

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**Bachelor of Science in Computer Science**

**December 2023**

Florida International University - FIU; Miami, FL

- Graduated Cum Laude (GPA: 3.52)

## SKILLS

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*Technical:* Android Studio, IntelliJ, VS Code, PostgreSQL, GitHub, Firebase, NoSQL

*Programming Languages:* Dart (Flutter), Python, Java, C, SQL

*Languages:* Fluent in English and Spanish

## EXTRACURRICULAR ACTIVITIES

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CodePath Course: Android Development with Java

Flutter Puzzle Hack 2022

Shellhacks 2021, 2022, and 2023