

# Andres Jimenez

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## ABOUT

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First-generation Hispanic student, eager to explore various opportunities within the computer science field. Seeking opportunities to apply and expand my technical skills while cultivating a continuous learning environment.

## EDUCATION

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### University of Florida

May 2026

*B.S. Computer Science || Minor in Statistics*

### COURSEWORK

**Courses:** Data Structures & Algorithms, Object-Oriented Programming, Programming Language Concepts, Discrete Math, Computational Linear Algebra, Probability & Statistics

**Awards:** Hispanic Scholarship Fund Scholar

## EXPERIENCE

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### Peer mentor, Cloud Computing Boot camp

July 2023

*Miami Dade College*

*Miami, FL*

- Volunteered as a peer mentor at a summer high school boot camp at MDC. Leveraged this experience to reinforce my own AWS certification preparation while providing guidance, support, and inspiration to young participants.

## PROJECTS

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### InvestiTrack ↑ | *Next.js, Tailwind CSS, TypeScript, AlphaVantage API*

Mar. 2024 - Present

- Developed and redesigned a web application for stock price tracking and historical data visualization using Next.js, Tailwind CSS, TypeScript, and the Alpha Vantage API.
- Exploring the integration of machine learning for future price prediction.

### Fruit Image Mold Detector ↑ | *Python, TensorFlow, Keras, ImageNet*

Feb. 2024

- Constructed and trained a TensorFlow-based model using Keras to classify and detect mold in fruit images, utilizing an ImageNet dataset from Kaggle.
- Employed Jupyter Notebooks for model development and visualization, achieving a validation accuracy of 97% for precise mold detection.

### Music Store Web Application ↑ | *HTML, CSS, JavaScript, Supabase (PostgreSQL)*

Jan. 2024

- Expanded a multi-page music store web application, utilizing HTML and CSS for front-end design, with JavaScript enabling interactive shopping cart and checkout simulations.
- Implemented a database using Supabase with PostgreSQL to dynamically reflect inventory changes post-transaction, allowing users to visualize real-time stock levels and purchase impacts.

## SKILLS

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**Languages:** Python || C++ || JavaScript/TypeScript || HTML/CSS || SQL || Java || R

**Frameworks/Libraries:** React || Bootstrap CSS || Tailwind CSS

**Certifications:** AWS Cloud Practitioner || NVIDIA Fundamentals of Deep Learning

## ORGANIZATIONS

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ColorStack UF || Society of Hispanic Professional Engineers || SEO (Sponsors for Educational Opportunity)