

Andres Jimenez

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EDUCATION

University of Florida

May 2026

B.S. Computer Science || Minor in Statistics

COURSEWORK

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

EXPERIENCE

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

InvestiTrack | *HTML, JavaScript, AlphaVantage API*

Mar. 2024 - Present

- Developed a web application for stock price tracking and historical data visualization using HTML, CSS, JavaScript, Matplotlib, and the Alpha Vantage API.
- Planning to learn and integrate PyTorch for a LSTM model for future stock price prediction.
- Exploring the integration of C++ for computational efficiency in future projects, aiming to optimize machine learning algorithms for real-time data analysis.

Fruit Image Mold Detector | *Python, TensorFlow, Kaggle*

Feb. 2024

- Constructed and trained a TensorFlow-based model to classify and detect mold in fruit images, utilizing a Kaggle dataset
- 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, SQL*

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 SQL database to dynamically reflect inventory changes post-transaction, allowing users to visualize real-time stock levels and purchase impacts

SKILLS

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

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

Tools: Git/GitHub || VS Code || PyCharm/CLion|| IntelliJ

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