

Austin Villanueva

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EDUCATION

University of Central Florida

Aug. 2023 – May 2027

B.S. Computer Science, Minor in Mathematics

Orlando, FL

- **Relevant Coursework:** Advanced Data Structures and Algorithms, Object-Oriented Programming, Computer Logic and Organization

TECHNICAL SKILLS

Languages: Java, JavaScript, Python (Pandas, Matplotlib, Plotly, Scipy), C, SQL

Technologies: Flask, Django, MySQL, PostgreSQL, Git, LaTeX, Markdown, VSCode, Nvim, Scikit-Learn, TensorFlow

PROJECTS

Basketball Betting App | *Django Rest Framework, React, Scikit-Learn, JWT, PostgreSQL, OAuth* In Progress

- Engineered a seamless **React** front end with a **Django** back end to create a robust and efficient full stack application to provide advanced information.
- Configured a **Gradient Boosting model** to predict the likelihood of a bet and stats.
- Established a **JWT Token** system to ensure user security across all web pages.

Stock Analyzing Django App | *Django, Pandas, PostgreSQL, Matplotlib* July 2024

- Developed a stock analysis application using **Django**, enabling users to track stock performance and trends across a large variety of sectors.
- Integrated useful data analysis features with **Pandas** to extract metrics for each stock.

Finance Tracking App | *Flask, Matplotlib, Seaborn* April 2024

- Implemented user authentication and expense tracking dashboard using **Python and Flask**.
- Designed dynamic data visualization charts with **Matplotlib and Seaborn** to give advanced insights.

EXPERIENCE

Playtoon.it April. 2025 - Present

Software Development Intern

Orlando, FL

- Collaborated with my team using **Next.js and PostgreSQL** to create the user dashboard that includes all the tools available.
- Utilized **Tailwind CSS** to define user friendly pages across the whole website, ensuring usability.

Costco Wholesale Sep. 2023 - Present

Forklift Driver

Orlando, FL

- Leveraged merchandise data to optimize sales strategy making us **#1 in the south-east**.
- Optimized workflow with my team, contributing on busy holidays where we made **1.5M in sales**.

EXTRACURRICULARS

Design & Code Club

Sep. 2023 - Present

UCF

Orlando, FL

- * Expanded my skill set through front-end workshops on **Node.js** and **React.js**, which I plan to apply in future projects.
- * Attended networking events, engaging with peers and potential collaborators for front-end development projects.