

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

Contentium | *Django Rest Framework, Next.js, PostgreSQL, OAuth, Next-Auth.js*

In Progress

- Developed a social media content management application using **Next.js** and **Django Rest Framework**, enabling users to manage and gain insights of their content across multiple platforms.
- Integrating an **artificial intelligence model** in order to provide feedback and suggestions on the users social media content to maximize various metrics.
- Deployed the front-end using **Vercel**, the back-end with **Heroku**, and use a **PostgreSQL** database from **Supabase**.

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 on players and teams.
- Configuring a **Gradient Boosting model** that predicts the likelihood of a bet and stats based on collected data from the database.

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

March 2025 - Present

Software Development Intern

Orlando, FL

- Collaborated with my team by using **Next.js** and **Next-Auth.js** to create the user dashboard that enables users and ensures user security.
- Utilized **Prisma** in our **Express.js** backend to design API routes that interact with our **PostgreSQL** database, providing the frontend with necessary information.

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.