

# Dominick Randazzo

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## EDUCATION

### University of Central Florida

Bachelor's, College of Computer Science

January 2024 – *Expected* May 2025

Orlando, FL

- Academic Status: Junior
- Activities and Societies: KnightHacks Club, AI@UCF

### Valencia College

Associate's, General Studies, CS Pathway

January 2023 – December 2023

Orlando, FL

- Program GPA: 3.63
- President's List, Dean's List.

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, HTML/CSS, C, C#, TypeScript, SQL

**Frameworks:** Flask, MERN stack, RESTful APIs, Tailwind CSS, Bootstrap

**Focus:** AI Development, ML, NLP, Algorithms

**Tools:** Git, GitHub, Postman, Redux, GPT-4, Unreal Engine, VS Code, Microsoft Office

## TECHNICAL PROJECTS

### Sorting Algorithm Visualizer – Python, Pygame

*Personal Project*

[Project Link](#)

- Designed and implemented a sorting algorithm visualizer utilizing Python and Pygame, providing real-time visualization and analysis of sorting algorithms, including Bubble, Insertion, Selection and Shell Sorts.

### Support Ticket System – MongoDB, Express.js, React.js, Node.js, RESTful API

*Personal Project*

[Project Link](#)

- Created a MERN stack application with MongoDB integration via Mongoose, enabling user registration, login/logout, and support ticket submission for an efficient and user-friendly experience.
- Developed a RESTful API system, proficiently handling request types, error handling, database integration, secure route management, JWT token-based authorization using tools like Postman and Rest Client.

### Company Blog App – Python, Flask, SQLite, HTML, Bootstrap, Git, GitHub

*Personal Project*

[Project Link](#)

- Developed a fully functional Social Blog Platform enabling users to register, create, edit, and delete blog posts, manage their accounts, and interact with other users' content.
- Demonstrated proficiency in handling errors, user authentication, connecting the backend to a database, utilizing Python OOP principles, functions/decorators, flask blueprints, CRUD, and HTML templates.

## TECHNICAL EXPERIENCE

### Web Development Student

Feb 2024 – May 2024

*CodePath.org*

- Engaging in a collaborative, hands-on learning environment through weekly virtual classes with peers, senior engineers, and industry mentors to enhance my skills.
- Working cohesively in teams to complete weekly coursework/projects using JavaScript, HTML & CSS.