

Aiden Letourneau

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EDUCATION

University of Central Florida

Bachelor of Science in Computer Science GPA: 4.0

Orlando, FL

Aug. 2023 – May 2027

Southeast High School

International Baccalaureate Diploma

Bradenton, FL

Aug. 2019 – May 2023

PROJECTS

Orientation Drone | *Python, Mediapipe and cv2*

August 2020 – Present

- Developed drone software using computer vision to help take
- Collaborated using GitHub and VScode
- Utilized computer vision python libraries to get data from drone camera footage
- Implemented hand gesture recognition and visualization tools

Scanner Application | *Node.js, Angular.js, Express.js, MongoDB*

January 2024 – Present

- Developed a web application that runs a script to remove excess space and format pictures of documents for improved readability
- Produced the backend of the application with Node.js and MongoDB database
- Used github to collaborate with the frontend of the application

EXPERIENCE

Front Service Clerk

May. 2020 – Aug. 2023

Publix

Lakewood Ranch, FL

- Run all customer service operations including cash register, self-check out, and bagging
- Communicate directly with staff to solve problems related to efficiency and safety
- Trained in every position in customer service to be flexible in short-staffed positions

Association of Computing Machinery

Aug. 2023 – Present

University of Central Florida

Lakewood Ranch, FL

- Run all customer service operations including cash register, self-check out, and bagging
- Communicate directly with staff to solve problems related to efficiency and safety
- Trained in every position in customer service to be flexible in short-staffed positions

RELEVANT COURSEWORK

COP 3223, Intro to C

August 2023– December 2023

University of Central Florida

Orlando, FL

- Developed an understanding of C data structures and algorithms
- Explored ways to visualize GitHub collaboration in a classroom setting

COP 3330, Object-Oriented Programming

January 2024– Present

University of Central Florida

Orlando, FL

- Developed understanding of OOP and implemented it through course projects
- Learned basic Java skills

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, HTML/CSS

Developer Tools: Git, VS Code, Eclipse

Libraries: pandas, NumPy, Matplotlib, mediapipe, cv2