

JACKSON SHAW

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EDUCATION

UNIVERSITY OF CENTRAL FLORIDA - Burnett Honors College

Orlando, FL

Bachelor's of Science, Major in Computer Science

2022-2026

Recipient: National Merit Out-of-State Scholarship

HIGHLAND HIGH SCHOOL

Medina, OH

Magna Cum Laude, National Honor Society, Golf & Rugby Team Captain

2017-2022

EXPERIENCE

UCF MEN'S RUGBY

Orlando, FL

Vice President

2023-Present

- Overhauled financial tracking and player information with MySQL
- Used data analysis to improve player recruitment & retention, resulting in all-time highs in club membership
- Spearheaded negotiations with corporate sponsors, resulting in an over 450% increase in sponsor revenue
- Cultivated a professional relationship between the club and various university departments, and negotiated unprecedented access to athletic facilities

PROJECTS

GPT Weekly App | *Python, Flask, Spotify + OpenAI API*

October 2023

- Developed an app to have ChatGPT create a playlist based on user's Discover Weekly
- Implemented user authentication using OAuth 2.0

Rugby Finance Database | *MySQL*

August 2023-Present

- Developed SQL database to track player information & team budget, managing over \$60,000 in total revenue and expenses
- Includes 1400+ data points from 51+ club members, as well as revenue and expense information

Personal Website | *HTML, CSS*

January 2024

- Created a personal website to showcase design portfolio
- Responsive to mobile devices

Mini Processor Simulator | *C*

October 2023

- Wrote core part of mini processor called MySPIM
- Demonstrates functions of MIPS data path & control signals
- Reads in file of machine code and simulates MIPS cycle-by-cycle

TECHNICAL SKILLS

- Languages: C, HTML/CSS, Python, Java, JavaScript, React
- Frameworks: Flask, SQL, Git, GitHub
- Relevant Coursework: Data Structures + Algorithms, Computer Architecture, OOP, Discrete Structures
- Microsoft Office: Excel, Word, PowerPoint
- Adobe Suite: Photoshop, Illustrator, Premiere Pro