

Andrew Miller

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Education

University of Central Florida
Bachelor of Science in Computer Science

Expected August 2024

Projects

Rocket League Broadcast Overlay — HTML, CSS, JavaScript, Python July 2023 – Present

- Created a custom broadcast screen for streaming Rocket League with OBS and Twitch
- Developed a desktop application in Electron.js
- Created for Dakota Collegiate Rocket League. Increased stream viewership and retention rates by 20%

Music Player — Python (with Tkinter) July 2023

- Created a Desktop Application resembling music players like Spotify using Tkinter
- Allows for playback of downloaded songs and stores queue data and application settings

Roblox Handball — Luau April 2023 — Present

- Developed core gameplay mechanics for Handball 1 and 2 on Roblox's Game Engine
- Created purchasable visual items for the users
- Achieved 90 concurrent players and 3M+ visits

Contact Manager — HTML, CSS, JavaScript, PHP, SQL January 2023 — March 2023

- Developed a Contact Manager Web Application using a LAMP Stack
- Deployed the application on its own domain, temporarily
- Integrated API Endpoints using JavaScript and PHP

Productivity Manager — JavaScript (MERN Stack, REST API) March 2023 — April 2023

- Designed a Productivity Manager using a MERN Stack that tracks user's habits and provides feedback
- Integrated API Endpoints using Express.js and RESTful API

Roblox Pro Rugby — Luau August 2020 — July 2021

- Developed Gameplay Mechanics, User Interface, Data Storage, and Leaderboards on Roblox's Game Engine
- Created aesthetic items for players to purchase, maintained and published regular updates
- Generated 1.9M+ visits to date

Experience

Dissiax Inc. — Independent Contractor October 2023 — March 2024

- Designed and deployed software for company assets using JavaScript, HTML, and CSS.
- Collaborated and contributed ideas for company's mission and direction.

Skills

Languages: Java, JavaScript, Python, Luau, C, SQL

Technologies: Electron.js, Express.js, jQuery, Tkinter, MySQL, Git

Extracurriculars

The National Society of Leadership and Success Member January 2023 — Present

- Attended meetings and learned valuable leadership skills

Robotics Club Member August 2016 — June 2020

- Built and programmed robots to compete in the First Tech Challenge and the First Robotics Competition.
- Advanced to the FTC world championship in Houston, TX in 2018.