

Landon House

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EDUCATION

Mississippi State University

Pursuing Bachelor of Science in Computer Science

3.81 GPA

Starkville, MS

Aug. 2024 - Present

Northwest Mississippi Community College

Associate's of Arts in Computer Science

3.56 GPA

Senatobia, MS

Aug. 2021 - December 2023

EXPERIENCE

Treasurer

August 2024 – December 2024

Mississippi State Esports

Starkville, MS

- Collected dues from over 160 members semesterly
- Created semesterly budgets for jerseys, LANs, club events, and Esport leagues
- Created a budget calculator and automated sheets to streamline the accounting process
- Wrote monthly financial reports for the Computer Science and Engineering department

PROJECTS

pnwkit-2.0/pnwkit-2.0.gs | *Typescript, GraphQL API, Github*

December 2022 – Present

- * Took over an open-source GraphQL API library that was abandoned by it's developer
- * Added missing queries and implemented mutations into the library
- * Added support for websocket subscriptions using pusher-js
- * Added utility functions for developers to use

dnskit/dnskit.gs | *Typescript, Rest API, Github*

June 2024 – Present

- * Took my knowledge of pnwkit-2.0 and developed an open-source API wrapper
- * Created call handling for over 15 API calls
- * Added interfaces for intellisense use

FNAD | *C#, Unity, Github*

November 2024 – December 2025

- * This project was made for an optional assignment for my discrete structures class
- * I made the game in Unity using C# and Pro Builder
- * I decided to make a fan game about one of my professors for the assignment
- * And I finished 90% of my planned features in the span of 2 weeks

IMS | *C++, SQLite, Github*

January 2025 – Present

- * CLI inventory management system I'm making for fun
- * Uses the SQLite library for the database aspect of the project
- * Goal is to have user permissions and class

MSU Esports Promo Script | *Python, Google Client Library*

September 2024 – December 2024

- * Script created to control/display promotional images that are created by our media team
- * Added functionality to interact with the club's google drive account
- * Created an algorithm to add images/videos from the drive if they don't exist in the raspberry pi
- * Created another algorithm to remove images/videos that were not in the drive

TECHNICAL SKILLS

Languages: Typescript, Javascript, Google Sheets/Excel, Java, C/C++, HTML/CSS, Python

Frameworks: NestJS, Node.js, Appscript

Developer Tools: Digital Ocean Platform, github, VS Code, Visual Studio

Libraries: discord.js, sapphire.js, typeorm, superagent, dotenv, SQLite