ROBBIE MCCURDY

Aspiring Software Engineer
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EDUCATION

UNIVERSITY OF MISSISSIPPI   Oxford, MS
Bachelor's in Computer Science   May/2024
Data Structures, Analysis of Algorithms, Java Structures, Web Programming, Introduction to OS, Introduction to DB Systems, Introduction to Computer Networks

TECHNICAL SKILLS

- Programming Languages: Java, Python, C#, C, C++, HTML, CSS, JavaScript, SQL, PHP, Go
- Frameworks: React, Node.Js
- Other: Git, MS Azure Server

PROJECTS

BLIZZARD GAME JAM 2022
Unity, C#, Git
- Placed 5th out of 12 teams in the Blizzard Game Jam
- Implemented a 360 Degree Camera System using Unity and C#
- Developed an Animation Controller to tie character model animations to code interactions
- Created a tile-based gameplay system for level building using a lock-on tile system

CSCI OLE MISS DISCORD BOT
Discord API, Python
- Implemented a music player using LavaPlayer that allows users to select tracks from various sources like YouTube, Spotify, and Soundcloud
- Designed a "role" selection feature for students in the CSCI program to auto-sort them into the correct channels for course discussions
- Organized and led a team of volunteers to create and maintain the bot

LEADERSHIP

CSCI CLUB
Undergraduate Leadership
- Organized monthly hackathons/game jams for students to participate in
- Tutored over 50+ students on a monthly basis online with topics ranging from beginner programming concepts to mid-level/advanced concepts such as network applications, time complexity, algorithms, and data structures

EXPERIENCE

HATBOY SOFTWARE INC.   **Oxford, MS**
Software Engineering Intern   01/2023-**Present**
- Worked on an audio/visual integration software for a podcast studio using C#
- Attended meetings with a mentor 3-4 times a week to work on peer-to-peer coding

UNIVERSITY OF MISSISSIPPI   **Oxford, MS**
Data Security Student Worker   09/2022-**Present**
- Managed user accounts and upheld security standards
- Performed in-depth data validation for over 15+ research projects