Habeeb Haliru

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EDUCATION

University of South Dakota — Vermillion, SD
Bachelor of Science in Computer Science, Minor in Mathematics — *Aug. 2021 – May 2025*

Certificates — Vermillion, SD
CodePath Certificates in Web Development, Cybersecurity, Technical Interview Prep — *Jan 2023 – Present*

EXPERIENCE

Peer Success Coach — Aug 2024 – Present
University of South Dakota — *Vermillion, SD*
- Leveraged tools like Excel, Trello, and proprietary management systems for data tracking and analysis, building experience in data analysis and reporting.
- Developed and coordinated digital resource materials and virtual workshops using video conferencing and LMS platforms, engaging over 150 students.

Peer Mentor — Aug 2024 – Present
University of South Dakota — *Vermillion, SD*
- Provided first-level IT support and escalated complex issues, maintaining software and hardware functionality.
- Mentored peers in Python, Java, and web development, contributing to 12 completed projects within the semester.
- Conducted 2+ coding workshops and facilitated programming discussions, enhancing participants' technical competencies.
- Assisted in creating 5 peer training tutorials on software engineering concepts, contributing to an enriched learning experience for students.

Service Desk/Proctor — Aug 2023 – May 2024
University of South Dakota — *Vermillion, SD*
- Ensured a 99% success rate in exam facilitation by troubleshooting software, hardware, and network issues during over 200 test sessions.
- Administered and monitored computer-based exams using RegisterBlast, Imperio, and Milestone XProtect.
- Supported system upgrades and software installations, improving the IT infrastructure of the testing center.

PROJECTS

MovieList Add/Drop Fullstack | *React, Node.js, Express, MySQL, Axios, Bootstrap* — GitHub
- Built a full-stack movie management web application with a React frontend and Node.js/Express backend.
- Developed a REST API for data handling and implemented CRUD functionality to manage movie records.
- Integrated react-hook-form for form validation and Axios for seamless client-server communication.
- Styled the application with Bootstrap for a responsive and modern user interface.
- Ensured reliable data storage and retrieval using MySQL, enhancing the overall user experience and data integrity.

Academic Database System | *MySQL, SQL, Database Design, JavaScript, HTML, CSS* — GitHub
- Designed and implemented a 3rd normal form database to manage university data, including students, professors, and courses.
- Created relational tables with properly defined primary and foreign keys to ensure data integrity.
- Developed SQL commands for user management and data operations, including course enrollment, grade retrieval, and advanced queries
- Implemented complex SQL scripts to update student credit hours based on completed courses and to retrieve specific course data.
- Enhanced data interaction through a structured and efficient database design, demonstrating strong problem-solving and database management skills

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS, MATLAB
Frameworks: React, Node.js, Next.js, Bootstrap, TensorFlow
Developer Tools: Github, Axios (HTTP client), MySQL Workbench, Microsoft Azure, VS Code, npm (Node Package Manager)
Libraries: pandas, Pygame, Matplotlib, jQuery