

# Habeeb Haliru

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## EDUCATION

### University of South Dakota

*Bachelor of Science in Computer Science, Minor in Mathematics*

Vermillion, SD

Aug. 2021 – May 2025

## EXPERIENCE

### Peer Success Coach

*University of South Dakota*

Aug 2024 – Present

Vermillion, SD

- Leveraged tools like Excel, Trello, and proprietary management systems for data tracking and analysis, building experience in data analysis and reporting.
- Assisted in developing digital resource materials and coordinated virtual workshops using video conferencing and LMS platforms.

### Peer Mentor

*University of South Dakota*

Aug 2024 – Present

Vermillion, SD

- Provided first-level IT support and escalated complex issues, maintaining software and hardware functionality.
- Mentored peers in software development and coding, supporting projects involving Python, Java, and web development.
- Conducted coding workshops and led programming discussions to improve technical skills and project collaboration.
- Created training materials on software engineering concepts, enhancing peer learning.

### Service Desk/Proctor

*University of South Dakota*

Aug 2023 – May 2024

Vermillion, SD

- Provided technical support by troubleshooting software, hardware, and network issues for test-takers.
- 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.
- Wrote an 8-page paper and gave multiple presentations on-campus
- Presented virtually to the World Conference on Computational Intelligence

## PROJECTS

### MovieList Add/Drop Fullstack | *React, Node.js, Express, MySQL, Axios, Bootstrap*

June 2020 – Present

- 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*

May 2018 – May 2020

- 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, Material-UI, FastAPI

**Developer Tools:** Github, Axios (HTTP client), MySQL Workbench, Microsoft Azure, VS Code, npm (Node Package Manager)

**Libraries:** pandas, Pygame, Matplotlib, jQuery