Bizimana Musa

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https://github.com/Bizimanamusa?tab=repositories

2333 Corta St, Austin, TX

Education

Tarleton State University (TSU) | Stephenville, TX

Bachelor of Science in Computer Science, Minor in Mathematics, May 2025

Unofficial GPA: 3.1

Experience

Student Intern | AG Department for Tarleton State University | March 2022 - Current

- Using a web scraper to extract data about land.
- Written code automatically create folder and duplicate files to folders.

Aquatic Division Facility Manager | City of Austin | August 2019 - Present

- Risk management and Safety, Customer service, and oversaw the activities of lifeguards and directed team simulations.
- Managed swimmers and meticulously enforced facility policies and regulations to ensure their safety. Maintained up-to-date logs containing information on weather conditions, treatments administered, and incidents, to keep management informed of activities.

Algebra, SAT Tutor | Planting Seeds Inc. Austin, TX | Jun 2022 - August 2022

- Assisted students in cultivation exceptional study abilities.
- Demonstrated dedication to fostering students' growth and accomplishments.
- Empowered student with essential learning resources to enhance their problem-solving skills.
- Evaluated student assignments and prescribed relevant learning activities.

Skills

Programming Languages – C, C++, Python, Java, HTML, CSS, JavaScript

Developer Tools – Visual Studio, Visual Studio Code, GitHub, Eclipse, Code Blocks, Xcode

Projects

Camera Motion Sensor System – Python, API | March 2023 – May 2023

- Developed a dynamic website using RESTful architecture, enabling users to seamlessly view, edit, add, and delete data records from a Microsoft SQL Server database.

- The python code uses OpenCV, threading, and winsoud libraries to create a motion detector program that alerts the user with an alarm when significant movements are detected in the camera frame.

- The python code utilizes loops, conditional statements, function, and modules.

Personal Website - HTML, CSS | March 2023 – Present

- Created a personal website using HTML and CSS.

Gym Management App - | May 2023 – Present

- This software project allows gym trainers and trainees to set up gym workouts, track progress, and track calories burned.   React Native, React Redux, Cassandra

Hymn App - |Aug 2023 – Present

- Used swift Ui to make a hymnal app for local congregation

After Hours App - | May 2023 – Present

- Developed a social network application to connect students with the same major on campus. Worked and developing and securing API endpoints by employing JWT Secrets and PassportJS.

Extracurriculars

Tarleton Computer Society at Tarleton State University

- Member | September 2022 - Present

Tarleton Ultimate Frisbee National Team

Language Proficiency and References

Kirundi………Native Speaker

Swahili………Highly proficient

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