COMFORT BIGG SIBANDA

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EDUCATION

African Leadership University (ALU), Rwanda; Computer Science
September 2017 - Present

Relevant Coursework: Web Development, Discrete Math, Database Systems, Data Structures and Algorithms, Network Programming, Computer Architecture, Operating Systems.

Saint Patrick's High School, Gweru Zimbabwe; ZIMSEC (A-level)
January 2011 - November 2016

Relevant Coursework: Mathematics, Physics, Computer Science.

WORK EXPERIENCE

African Leadership University — Data Structures and Algorithms Instructor
May 2019 - July 2020

- Tutored more than 300 ALU students for the school's Algorithms and Data Structures Course.
- Designed and developed submission and automated grading infrastructure for the algorithms course.
- Taught sections and office hours in courses on programming, data structures, algorithms and web development.

CBZ Bank Ltd (Zimbabwe) — Software Engineering Intern
May 2018 - September 2018

- Wrote a map-based UI for filtering high-scale geographic weather data, using map APIs, React, Redux and JavaScript.
- Developed an access-controlled system for pre-processing search term queries for more efficient searches.

African Leadership University, Rwanda - Web development Instructor Intern
January 2018- January 2020

- Worked with a team of 3 instructors to assist more than 90 ALU Computer Science students to learn and become proficient web developers, using modern development tools.
- Prepared weekly software development lesson plans which were used to conduct sessions with students.
- Worked directly with the Computer Science faculty, assisting them in designing a conducive user experience for the program.

EXTRA CURRICULAR ACTIVITIES

- **Student Ambassador, ALU (January 2018 - Present):** Connect with more than 300 high school graduates in the Southern African region via email, social media platforms and physical meetings, making them understand how coming to ALU will be a good decision for them.

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TECHNICAL SKILLS
JavaScript
Python
C
HTML
CSS
React
Redux
MongoDB
SQL
PostgreSQL
NodeJS
Express
Git

OTHER SKILLS
Data analysis

Design thinking

Projects management

Communication for impact

Creative thinking

INTERESTS
Entrepreneurship

Reading fictional novels

Building Interesting technical tools

LANGUAGES
Fluent in English, Shona and Ndebele