

MICHAEL CHINYAMA

COMPUTER SCIENCE UG STUDENT

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OBJECTIVE

Ambitious Computer Science student with no work experience. Looking for an intern job that can help me to develop industry experience and to work in a team to further advance my skills in computer science, whilst also learning new concepts.

PROJECTS

A real time chat application

A cross platform chat app that allows users to text each other privately or in rooms. Is built with Tauri (Rust), React, firebase and SCSS. [repository](#)

Interpreter

A basic interpreter done in c++ that implements a lexer, parser and interpreter and can execute code from a language I made up. Can process basic data types up to control flow(if, for, while). [repository](#)

Student Database Management System

A database management system for storing student records and their modules and grades. Allows for insertion, deletion and search operations. Utilizes a B+ tree data structure in the backend implemented in Java. [repository](#)

An OO approach to chess-2D

Makes use of object-oriented principles to make chess in c++98. For the UI, SDL2 is used in order to make the game playable [repository](#)

LEADERSHIP

In a [group project](#), I was responsible for managing the entire codebase and the groups project repository. I also made the most commits and wrote the most amount of code.

EDUCATION

University Of Pretoria, Pretoria, Gauteng

BSc Computer Science[2021][2023-2024]

COS 132[Imperative programming](with distinction),
COS 151[Intro to CS],
COS 110[Program Design],
COS 122(with distinction)
[Operating Systems],
COS 210[Theoretical CS],
COS 212[Data Structures and Algorithms],
COS 216(with distinction) [Web development],
COS 221[Database Management Systems]

KEY SKILLS

- COMMUNICATION
- TEAM WORK
- PROGRAMMING

PROGRAMMING LANGUAGES

- ASM, C, C++, C#, CSS, DART, GOLANG, HTML, JAVA, JS, SQL, PHP, PYTHON, RUST, TS