Tazeem Tayob

COMPUTER SCIENCE

CONTACT

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📍 Johannesburg, South Africa

WORK

2024 – PRESENT

AHMED TAYOB RETAILERS

- Social media marketing and manager

ATTRIBUTES

- Team work
- Leadership
- Critical thinking
- Problem solving
- Can adapt to change
- Discipline

SKILLS

- Java
- Javascript
- Python
- HTML, CSS, React.js, Node.js
- SQL

CERTIFICATION

Summer Analytics 2025,
by Consulting and Analytics Club,
IIT Guwahati

CERTIFICATE OF MERIT

- Python
- Data Science
- Machine Learning
- Mathematics
- Statistics

ABOUT

I'm a Computer Science student with a strong interest in coding, problem-solving, and creating real-world software solutions. I enjoy working with and adapting to new technologies, learning through hands-on projects, and collaborating with others to build meaningful applications. My goal is to grow as a developer and make a positive impact through technology.

EDUCATION

BSc Computer Science and Pure Mathematics

University of the Witwatersrand   2023 - PRESENT

- Currently in my final year, majoring in Computer Science and Mathematics
- Gained practical and theoretical experience in software design, databases and object-oriented programming
- Computer Science modules completed: Database Fundamentals, Mobile Computing, Computer Networks, Analysis of Algorithms (70% average)
- Maths modules completed: Multivariable Calculus, Linear Algebra, Basic and Advanced Analysis, Abstract Maths, Intro to Statistics (60% average)
- Modules currently enrolled: Finite Languages and Automata, Software Design, Machine Learning, Real Analysis, Number Theory, Group Theory

Schooling

Mitchell House School   2011 - 2022

- Matriculated with 6 distinctions (84% average)
- Achieved academic full colours throughout Grade 8 - 12 and academic honours
- Played first team football and tennis

PROJECTS

SkillVerse
Part of a team that built and deployed a Freelance management system that allows users to login using Google Auth and use freelancer or client services. Clients use the app to source and pay freelancers for work. Freelancers look for client job postings and complete work. Project tracking included

- HTML, CSS, JavaScript
- React.js, Node.js
- JEST
- AGILE
- CI/CD pipelining
- MongoDB
- Paystack payment gateway
- Azure deployment

Snake Game

Built an intelligent Snake game agent in Java that used Dijkstra's algorithm to find the shortest path to targets. Competed against other student agents and placed in the top 20, demonstrating strong algorithmic thinking and practical problem-solving skills.

Wits Parking System

Built a car parking app for Wits, using Android Studio and Java, that allows students to check real-time parking availability and to book parking bays for specific days and times to reduce confusion in Wits parking areas