

THABISO MMATSHEHLANE MOSOANE

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EDUCATION

- B.Sc.Mathematical Sciences majoring in Computer Science and Statistics

RELEVANT COURSE

- IT
- Mathematics
- Statistics
- Data Scientist
- Data Analyst

PROJECT

- Developed an online dashboard for users to view their financial status, set goals, and receive recommendations for financial planning
- Designed a smart traffic management system that uses real-time data to optimize traffic flow, reduce congestion, and improve road safety
- Created an inventory management system for an e-commerce platform that automates stock tracking, restocking, and order fulfillment using Python and C++ for optimizing inventory algorithms, barcode scanning, and integration with warehouse robotics

TECHNICAL SKILLS

- Languages C++ , HTML ,CSS , JavaScript
- Python , PostgreSQL , Django , Node JS

EXPERIENCE

- Used Python for traffic flow optimization, data analysis, and real-time decision-making and C++ for traffic signal control and integration with IoT devices.

- Support the general computing needs of students , faculty and staff of a university with over 1500 undergraduate students
- Lead team of five undergraduate students, including training of new student consultants

