Nomsa Asekhona Mchunu

Aspiring Data Analyst

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Profile

Analytical and detail-oriented ICT graduate with hands-on experience in data analysis, database management, and programming. Proficient in Python, SQL, Excel, Power BI, and familiar with machine learning and cloud computing. Experienced in extracting, cleaning, and analyzing data to generate actionable insights and support decision-making. Strong problem-solving skills, attention to detail, and a proactive, results-driven mindset. Eager to contribute to a collaborative team environment and develop expertise in markets.

Professional Experience

Software Development Intern, JCI Durban

Nov 2024 – Present
Durban, South Africa

- Developed software solutions to enhance user experience and system performance.
- Collaborated with cross-functional teams to gather requirements and implement features.
- Conducted data analysis to identify trends and optimize processes.
- Assisted in debugging and troubleshooting software issues to improve functionality.
- Participated in code reviews and contributed to documentation for future reference.

Education

Bachelor of Information and Communication Technology Honours, Durban University of Technology

Feb 2025 – Present
Durban, South Africa

Currently gaining advanced knowledge in Machine Learning, Advanced Cybersecurity, Cloud Computing, Advanced Software Development, Professional Practice, and Research in ICT. Focused on applying analytical and technical skills to real-world ICT problems.

Bachelor's Degree in Information and Communications Technology, Durban University of Technology

Feb 2022 – Dec 2024
Durban, South Africa

Gained knowledge in Machine Learning, Software Engineering, Database Management, Business Fundamentals, Statistics, Calculus, and CyberSecurity. Developed practical skills in Python, SQL, Excel, and data-driven problem solving.

Skills

- Python

- SQL

- Excel

- Power BI

- Machine Learning

- C#

- Java

- Statistical thinking

- Problem-solving

- Matplotlib

Certificates

- Data Science and Analytics - HPLife

- Python Essentials 1 - Cisco Networking Academy

- Data Analysis - Women Techsters

- Data Analytics Essentials - Cisco Networking Academy

Languages

- English

- IsiZulu

References

Sphiwe Khuzwayo, *Local President,* JCI Durban
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