Emmanuel Sifiso Nkosi

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Dedicated Data Scientist/Analyst with hands-on experience in data analysis, SQL, Python, Power BI and cloud-based solutions. My skills and educational background in IT System Development have equipped me with a solid understanding of technology frameworks and programming languages, fostering my problem-solving and analytical skills. Furthermore, my accredited Data Science certificate has empowered me with the ability to derive valuable insights from complex datasets, illustrating my proficiency in data manipulation, visualization, and predictive modeling. I am skilled in transforming complex datasets into actionable insights and deploying analytical models in production environments.

SKILLS

- Data Analysis and Visualization
- SQL and Database Management
- Python
- Microsoft Power BI
- Machine Learning and Deep Learning
- Web Scraping
- Cloud Data Storage and Processing
- Adaptability
- Attention to Detail
- Teamwork and Communication

EXPERIENCE

DATA SCIENTIST // TELKOM
May 2024 – present

- Performing web scraping to gather data from various platforms.
- Cleaning and analyzing large datasets to prepare for predictive models.
- Developing an omnichannel platform to enhance operational efficiency and customer satisfaction.
- Implementing AI solutions to analyze customer feedback, providing actionable insights for strategic improvements.
- Enhancing an AI-powered virtual assistant to enhance customer support and engagement.

DATA SCIENTIST INTERN // BCX (Business Connexon)
August 2023 – December 2023

- Processed and analyzed large datasets to extract valuable insights.
- Developed and deployed deep learning models, for NLP Speech Sentiment Analysis.
- Collaborated in a team to fine-tune machine learning models.

- Produced reports and contributed to project documentation.

GRAPHIC DESINGER // BP PRINTING
April 2022 – November 2022

- Designed various marketing materials, including branding and promotional items for clients using CorelDraw, Adobe Illustrator, and Photoshop.
- Operated a laser cutter machine to accurately prepare and cut fabrics for sewing and tablet branding, maintaining precision in design execution.
- Operated large-format sublimation printing machines for transferring designs onto fabrics, maintaining color accuracy and print quality.

IT END USER INTERN // DAVIS AND DEAN
March 2021 – December 2021

- Provided technical support to end-users, resolving hardware and software issues.
- Assisted in the installation, configuration, maintenance of IT equipment and systems.
- Organized Teams meetings, demonstrating my skills with Excel, Outlook and other Microsoft Office tools.

EDUCATION

Data Science
University of Cape Town
August 2024 – October 2024

- Data Science and Statistical Learning, Managing the Complexity of Tree-Based Methods, Managing the Complexity of Neural Networks

Data Science NQF 5
Explore AI Academy
January 2023 – August 2023

- Data Visualization (Power BI), Python and SQL for Data Science, Machine Learning (Supervised and Unsupervised), Advanced Regression and Classification Models

- AWS Certified Cloud Practitioner Foundations

IT End User Computing
Proserv
January 2021 – March 2021

- Introduction to ICT, Microsoft Office (Spreadsheet Applications (Excel)), Electronic Mail Applications (Outlook), Report writing and software troubleshooting.