EMMANUEL SIFISO NKOSI

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South Africa, Pretoria

I am an aspiring Data Scientist with a robust foundation in technology frameworks and programming languages, honing my problem-solving and analytical skills. My accredited Data Science certificate not only signifies my commitment to excellence but also equips me with the expertise to extract valuable insights from intricate datasets. Proficient in data manipulation, visualization, and predictive modeling, I bring a hands-on approach to transforming raw data into actionable intelligence.

EDUCATION

Data Science **NQF 5**
EXPLORE AI Academy, South Africa
Jan 2023 - Aug 2023

- Data visualization
- Python and SQL for Data Science
- Advance Regression and classification models
- Supervised and Unsupervised learning
- AWS Cloud foundations

IT End User Computing
Proserv Institute, South Africa
2021

- Mathematical Literacy
- Introduction to ICT
- Microsoft Office(Spreadsheet Applications (Excel)
- Electronic Mail Applications (Outlook), and Teams)

Matric
Vukuzame M.S.T School, South Africa
2019

SOFT SKILLS

- Able to adapt to change
- Attention to Detail
- Teamwork
- Communication
- Time management

TECHNICAL SKILLS

- **Programming Languages**: Python, SQL
- **Data Visualization**: Matplotlib, Seaborn, Numpy, Tableau(Microsoft Power BI)
- **Machine Learning**: Classification, Clustering, Regression, Fraud Detection, Natural Language Processing, Recommender System.

- **Cloud**: AWS (EC2 Instances)
- **Deployment**: Flask, Streamlit
- **Web Development**: HTML, CSS
- **Vision Control**: Github, Git lab

WORK EXPERIENCE

Data Science Intern // **BCX (**Business Connexion)
August 2023 - Nov 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 Design // **BP Printing**
April 2022 - November 2022

- Designed various marketing materials, including branding and promotional items for clients using CoralDraw, 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 Computing Intern // **Davis & Dean**
July 2021 - December 2021

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

Links

Portfolio website:https://sfiso505.github.io/portfolio/

Github: https://github.com/Sfiso505

Projects

Speech Sentiment Analysis(Natural Language Processing):

GitLab repository:
https://gitlab.com/kobusler/bcx-speech-sentiment-analysis/-/blob/Emmanuel109-main-patch-41372/Pre-trained_model.ipynb?ref_type=heads