[MATHONSI MPHIKELELI MBONGISENI]

[Johannesburg, South Africa] | [+27 72 259 2240] | [mphikelelimm@gmail.com]

OBJECTIVE/SUMMARY

I am a Bachelor of science honours in Applied mathematics graduate. My primary goal is to contribute to the improvement of the company's products and services by applying my expertise in analysis and providing bespoke solutions. Equipped with top-notch training, experience, excellent skills, as well as being a team player, I am confident that this goal can be achieved. As a dedicated, self-motivated and hardworking young person, I am committed to keep abreast with the latest developments, conduct extensive research, and constantly enhance my abilities. I am confident that I can be a great asset to any company.

WORK EXPERIENCE

[Hollard Insurance], [IT in Finance]
[07/2022] - till date

- Work as a Support team to Great plain users in the finance department and engage with all the Business Units. Great plains is software utilized by Hollard in the finance department, it includes financial accounting tools or cash flow and the control of asserts.
- Perform database administration duties and dimensional modeling.
- Manage and improve Business Intelligence workflow and the application of processes, procedures and systems.
- Manage and facilitate the delivery of Business Intelligence outputs, including timeous delivery of Projects and BU's.
- Development and maintenance of various ETL's.
- Delivery of accurate & efficient reporting for the department.
- Assisting in design and delivery of data science applications.

[Enlabeler], [Image annotator]
[05/2022] - [07/2022]

- Image annotation for the training and implementation of computer vision models.
- Object detection, anomaly detection, predictive maintenance, yield estimations, and many other use cases across multiple industries.
- Bounding boxes, polygons, semantic segmentation, polylines, cloud points.

[Thuto pele centre], [Learning ambassador, Marketing captain and Mathematics tutor]
[07/2019] - [02/2022]

- Assisting students with projects, test preparation, papers, research and other academic tasks. Working with students to help them understand key concepts for the module.
- Contributing in the implementation of marketing strategies.
- Supporting the marketing manager in overseeing the department's operations.
- Organizing and attending marketing activities or events to raise brand awareness.

[University of Venda], [Mathematics Tutor]
[02/2019] - [10/2021]

- Reviewing classroom or curriculum topics and assignments.
- Assisting students with projects, test preparation, papers, research and other academic tasks.

EDUCATION

[Data Science]
[**WorldQuant University**], [USA]
[January 2023]

[NQF 5, DevOps Engineer Learnership]
[**Mindworx Consultant And Academy**], [South Africa]
[April 2022]

[NQF 5, Business Analyst Learnership]
[**Mindworx Consultant And Academy**], [South Africa]
[February 2022]

[BSc Honors Applied Mathematics]
[**University of Venda**], [South Africa]
[January 2022]

[BSc in Applied Mathematics and Mathematics]
[**University of Venda**], [South Africa]
[*January 2021*]

TECHNICAL SKILLS

- Machine Learning Techniques (Advanced Regression, Advanced Classification, Unsupervised Learning).
- Deep Learning (Predicting and modeling)
- Programming: PYTHON, MATLAB, OCTAVE & SQL
- Data Cleaning & Visualisations (Power BI, Matplotlib, Plotly, Seaborn, excel).
- Mathematical and Data Modelling.
- Statical Analysis.

- Microsoft: Azure (Cloud computing).
- SQL Server (SSAS, SSIS & SSRS).
- Asp dotnet and C#

SOFT SKILLS

- Critical thinking.
- Time management.
- Analytical thinking.
- Quantitative reasoning.
- Excellent problem solving.
- Good communication skills.
- Agile, ability to adapt to change or environment.
- Ability to manipulate precise and intricate ideas. Construct logical arguments and expose illogical arguments.

PROJECTS

- **Data Science Lab Projects.**
    - ❖ Housing in Mexico.
    - ❖ Housing in Buenos Aires.
    - ❖ Air Quality in Nairobi.
    - ❖ Earthquake Damage in Nepal.
    - ❖ Bankruptcy in Poland.
    - ❖ Customer Segmentation in the US.
    - ❖ A/B Testing at WorldQuant University.
    - ❖ Market Forecasting in India.
- **Vehicle insurance DevOps project (Team project)**
    - ❖ Integrating a green field vehicle insurance project. This php project required us to allow users to enter data through the system to the database of the company. Improve the loggings, authentications and bring innovative ideas around the system. Then present it to the stakeholders.
- **Predicting stock price using machine learning (Python project)**
    - ❖ Conduct a research about the behavior of stock prices in the market and observe its randomness. Given stock data sets namely Apple, Mastercard, ExxonMobile and Ford to perform Exploring Data Analysis (EDA). Perform data visualization to observe some trends for the randomness of the stock data. Use Machine learning models and compare their accuracy by using some statistical methods.

CERTIFICATIONS & LICENSES

[Introduction to Business Intelligence]
[Corporate Finance Institute]
[*April 2023*]

[Data Analytics Consulting Virtual Internship]
[KPMG]
[*March 2023*]

[Data Visualisation: Empowering Business with Effective Insights]
[TATA]
[*March 2023*]

[Data Science Lab]
[WorldQuant university]
[*January 2023*]

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[Analyzing Growth Drivers & Business Risks]

[Corporate Finance Institute]

[August 2022]

[Agile: Scrum & Kanban]

[MSBI, SSIS, SSRS & SSAS]

[Power BI Dax Masterclass]

[SQL Bootcamp]

[Udemy]

PERSONAL LINKS

[GitHub]

[MATHONSIMM (Mphikeleli Mbongiseni Mathonsi) · GitHub](https://github.com/MATHONSIMM)

[LinkedIn]

[LinkedIn](https://linkedin.com)

REFERENCES

[Dept. of Decision Sciences Lecturer]

[**UNISA**], [South Africa]

[*kubjatl@unisa.ac.za*][+27722454347]

[Quantitative Analyst]

[**Standard Bank**], [South Africa]

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DECLARATION

I Mphikeleli Mbongiseni Mathonsi hereby declare that all above mentioned information is in accordance with fact and truth up to my knowledge and I bear the responsibilities for the correctness of the above-mentioned particulars.