



YASTEEL RAMPHAL

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NATIONALITY: South African
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LANGUAGE: English / Afrikaans
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PROFESSIONAL SUMMARY

A professional and courteous student who is highly articulated and committed. Yasteel is someone who takes great pride in his work and who is a self-motivated team player. He has a wide range of valuable transferable skills gained through his study and volunteering that can be used across various job roles and functions. He is a quick learner and has knowledgeable computer skills. This coupled with his good communication skills makes him an ideal candidate for your position. He has a positive attitude and is confident.

QUALIFICATIONS

Bachelor's degree: In progress
Bachelor of Science degree in Electrical Engineering
UNIVERSITY OF WITWATERSRAND (Full time student)
Courses include Electronics, Electric circuits, Data structures and algorithms, Applied Physics and Engineering Maths

Schooling: 2006 – 2018
Independent Examinations Board (IEB) Level:
SHANGRI-LA ACADEMY INDEPENDENT SCHOOL
Matric bachelor's degree pass

WORK EXPERIENCE

UVI Tech | Pomona

Jan – Feb 2024

Part-time Lab technician and delivery driver for a pigment and ink manufacturing company. Responsibilities include testing, analysing, recording and reporting results done on manufactured goods and delivering goods to clients around Gauteng.

Private tutor | Johannesburg

2022 - 2023

Part-time Electrical Engineering tutor tutoring undergrad engineering students in Linear Algebra, Calculus, Electronics, Electric circuits, Software development and signals and systems.

Courses:

HARVARDX (edX): 2020

Cloud Computing

Cloud service and deployment models, architecture, security and new technologies

Data Science Program Online

R programming, data wrangling and visualization, file organization and reproducible document preparation.

AWS Machine Learning Cloud Camp 2024

Utilising AWS Rekognition and Textract through an API to implement image recognition and text recognition on a locally hosted website.

COMMUNITY SERVICE

- SPCA
- Volunteered at old age homes.
- Volunteer at the Food for Life Programme.

SELECTED ACHIEVEMENTS

- Awarded the Van Der Linder Trophy for the top achiever in physical science.
- Qualified for the Math Olympiad
- Achieved red belt in Kung Fu

Wits Business Intelligence Services | Johannesburg

Data science

Nov - Dec 2023

Data science intern responsible for creating and training machine learning models to create predictive models to support Business intelligence. Responsibilities include:

- Performing Exploratory Data Analysis (EDA)
- Preprocessing and cleaning Data
- Machine learning model training
- Model validation
- Implementing a Natural language processing (NLP) model
- API implementation and integration
- Managing and coordinating a team

Wits Business Intelligence Services | Johannesburg

Data Engineering

Jun - Jul 2023

Data engineering intern responsible for managing and creating data pipelines to support Business Intelligence. Responsibilities include:

- Leveraging various schemas to design data warehouses and data lakes
- creating ETL and ELT processes
- Feature engineering
- Cleaning and preparing data
- Integrating cloud services,
- Querying data and representing data for business insights.
- Team management

Master Maths | Edenvale

2020

Part-time Mathematics and Physical Science tutor for Grade 8 to 12 students.

Responsibilities include:

- Review class material with students by working through solutions to problem questions, discussing theory.
- Monitor and assess students' performance.
- Create a good tutoring environment to promote productivity and learning of the students.

Hatch | Edenvale

Jul – Aug 2017

Job shadowed an engineering consultant and assisted with general administration.

SKILLS:

- Circuit analysis
- Electronic systems design
- Control system design
- AutoCAD
- Web design skills
- Software Development
- DevOps
- C++/Python
- Git and GitHub
- Cmake
- Unit testing
- Technical Lab skills
- Approachable and friendly
- Martial Arts, Hockey and Squash
- Computer literacy
- Proficient in the Microsoft Office suite
- Power BI
- Technical PC repair skills
- Computer cabling and Hardware trouble shooting
- Proficient communication skills
- Team management
- Logistics
- Able to multitask
- Able to work independently
- Excels at self-management
- Problem solving skills

References

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