DANCAN MBAABU

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🌐 https://portfolio-psi-seven-52.vercel.app/

STATEMENT OF PURPOSE

I am a passionate and results-oriented **Computer Science graduate** specializing in **Data Analysis and Computational Engineering**. My academic background and practical experience have equipped me with a solid foundation in **statistical modeling, data manipulation, and programming**, with a strong ability to translate complex data into actionable insights that drive strategic decision-making.

My goal is to contribute meaningfully to an organization that values **data-driven innovation, problem-solving, and continuous learning**. I aim to leverage my analytical, programming, and reporting skills to support evidence-based decisions, process improvement, and organizational growth.

EDUCATION

Taita Taveta University – Kenya
Bachelor's Degree in Mathematics and Computer Science (Applied Mathematics)
2019 – 2024

Alison University – Online
Certificates:
- Criminology and Justice (2023)
- Data Analytics (2023)

Tendo Valley College – Meru, Kenya
Diploma in Mathematics – 2019

Mutewa Primary School – 2014
Kenya Certificate of Primary Education

PROFESSIONAL EXPERIENCE

Kenya Revenue Authority (KRA) – Nairobi, Kenya
Data Analyst Intern | Jan 2025 – Present
- Participate in data collection, analysis, and reporting.
- Develop dashboards and summarize trends for decision-making.
- Maintain confidentiality and accuracy in all data-related operations.
- Generate monthly reports and assist in technical evaluations.

Angaza Computecs Company – Nairobi, Kenya
Data Analyst (Support Team) | Aug 2024 – Dec 2024
- Extracted, cleaned, and analyzed datasets for client projects.
- Created Power BI dashboards and detailed analytical reports.
- Delivered actionable insights and data-driven recommendations.

Ministry of Labour and Social Protection – Meru, Kenya
Data Enumerator | June 2024 – July 2024

- Collected and validated field data through structured surveys.
- Maintained compliance with data collection standards and schedules.

Knight Company – Nairobi, Kenya

Technical Writer | Jan 2024 – May 2024

- Developed and maintained accurate technical documentation.
- Collaborated with engineers to create clear operating procedures and manuals.

National Treasury and Economic Planning – Nairobi, Kenya

ICT Support Attachee | Jan 2023 – May 2023

- Configured PCs, installed software, and provided user support.
- Performed system backups, maintenance, and troubleshooting.

IEBC (Independent Electoral and Boundaries Commission) – Meru, Kenya

Polling ICT Clerk | Aug 2022 – Sept 2022

- Supported ICT operations during elections and ensured accurate data entry.
- Assisted in real-time results reporting and compliance checks.

Mutewa Secondary School – Meru, Kenya

Mathematics Teacher (Intern) | April 2022 – Aug 2022

- Taught mathematics and developed problem-solving skills among students.
- Designed engaging lessons and assessed learner performance.

Stevecoms Ltd – Meru, Kenya

Computer and Mobile Repair Technician | May 2022 – Aug 2022

- Repaired and maintained mobile devices and computer systems.
- Installed software, performed virus cleaning, and tested hardware components.

TECHNICAL SKILLS

- **Programming:** Python (Jupyter Notebook), R, SQL, SPSS
- **Data Visualization:** Power BI, Microsoft Excel
- **Statistical Analysis:** Regression, Correlation, Hypothesis Testing
- **Technical Support:** Computer repair, OS installation, system configuration
- **Web Tools:** HTML, data dashboards, Superset
- **Soft Skills:** Team collaboration, communication, leadership, report writing

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HOBBIES & INTERESTS

- Solving real-world analytical problems
- Web design and coding
- Reading novels, plays, and adventure stories
- Writing poetry
- Playing badminton, table tennis, and woodball

LANGUAGES

- English (Fluent)
- Kiswahili (Fluent)

REFEREES

Referees will be provided upon request. Please contact me if verification or further information is required.