

WORK HISTORY

**Research Analyst – Intermediate Math** 1<sup>st</sup> October 2024 - Present

Turing Enterprises Nairobi - Kenya

- Conducting advanced mathematical analysis to enhance the performance and optimization of large language models (LLMs) in real-time applications.
- Developing and implementing mathematical algorithms to refine LLM training processes, focusing on efficiency and computational optimization.
- Applying statistical methods to analyze and interpret data, improving the accuracy and reliability of LLM predictions and outputs.
- Collaborating with interdisciplinary teams to design and execute experiments aimed at optimizing model performance, using advanced mathematical models and techniques.
- Utilizing machine learning and deep learning algorithms to support LLM development, including model architecture optimization and training strategies.

**Lead Generation Specialist** 1<sup>st</sup> May 2024 - 30<sup>th</sup> September

Nani Recruitment Agency Nairobi – Kenya

- Utilizing advanced research tools and methodologies to identify high-potential clients and emerging market trends, significantly enhancing the firm's business development strategies.
- Synthesizing data from diverse sources to create comprehensive client profiles, enabling more effective and targeted marketing strategies.
- Designing and executing data-driven marketing campaigns, leading to increased lead generation and improved conversion rates.
- Implementing and optimizing CRM systems to maintain accurate client records and track interactions, significantly improving client retention and relationship management.

**Inventory Analyst** 2nd October - 30th April 2024

Moko Home and Living Mlolongi – Kenya

- Maintaining accurate records of inventory levels and ensuring the availability of required items.
- Proficient in entering data regarding stock levels, orders, and inventory activities into a database or inventory management software.
- Handling order processing, including the receipt, verification, and storage of incoming goods.

**Research Assistant** 2nd January - 31st January 2024

Global South Development Lab Nairobi – Kenya

- Conducted household surveys, collecting demographic and socioeconomic data using standardized questionnaires and

- digital tools like Kobo Collect.
- Facilitated key informant interviews (KIIs) with community leaders, government officials, and subject matter experts to gather in-depth qualitative insights.
- Supported the planning and execution of focus group discussions (FGDs) to explore community perspectives on targeted research topics.
- Managed data entry and quality assurance processes, cross-verifying collected data for accuracy and completeness.

## Data Entry Specialist

19<sup>th</sup> June - 29<sup>th</sup> June 2023

### African Centre for Women in ICT

Nairobi - Kenya

- Developed a custom data entry screen, improving baseline questionnaire data entry efficiency by using Excel.
- Spearheaded my team in the process of sorting, filing, and serializing of the assigned questionnaires in preparation for data entry, this guaranteed the ease of data accessibility.
- Combined various datasets, performing primary cleaning of all the 340 keyed in questionnaires before submitting to the Monitoring, Evaluation, Reporting, and Learning (MERL) Manager.
- Successfully segregated and saved data into separate folders, handling an estimate of 340 data points weekly, improving data organization by approximately 90%.

## Custom And Boarder Attaché

3<sup>rd</sup> May - 29<sup>th</sup> July 2022

### Kenya Revenue Authority

Nairobi – Kenya

Completed my industrial attachment under the Custom and Boarder Control Department at JKI

- Accurately recorded and managed data, securing proper documentation of approximately 500 in a day.
- Verified goods by conducting meticulous inspections and cross-referencing against provided documentation, achieving a verification accuracy rate and target of 50 goods in a day given by my supervisor.
- Messaged documents to ensure their successful clearance from the system, facilitating the clearance process for approximately 500 documents with a completion rate of 90%.

## EDUCATION

### The University of Nairobi

Bachelor in economics and Statistics

September 2023

### Mathematics Association of Nairobi University

Certificate in Advanced R-Programming, SQL

April 2022

### Dalworth Statistical and Training Center

Certificate in ADVANCED MICROSOFT EXCEL

April 2019

Certificate in Data Analysis (SPSS, STATA)

April 2019

### Ribe Girls' Secondary

Kenya Certificate of Secondary Education

November 2017

Mean Grade B+ (72)

## SKILLS

- Data analysis: Using R, SPSS, Advanced Ms. Excel, SQL
- Data visualization: Proficient in Power BI, Tableau
- Data Entry
- Report Writing