CURRICULUM VITAE

MARTIN DUDI OTIENO

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PERSONAL   DETAIL

NAME	MARTIN DUDI OTIENO
NATIONALITY	Kenyan
DATE OF BIRTH	21ST Feb 2001
IDENTIFICATION NO	38180141
LANGUAGES	English, Kiswahili and Luo

CAREER   OBJECTIVES

Aspiring Data Scientist and Actuarial Science graduate with a strong foundation in data Analysis. Statistics, and predictive modelling. Eager to leverage academic achievements and hands-on experience to contribute to data-driven decision making processes in a dynamic and innovative environment.

EDUCATION BACKGROUND

Date	Examination	Institution

Moringa School – Nairobi, Kenya

Data Science Bootcamp | April 2023 - October 2023

- Developed expertise in data preprocessing, exploratory data analysis, machine learning, and data visualization.

- Successfully completed projects involving real-world datasets to solve business challenges.

- Gained proficiency in programming languages such as Python and R.

Kabarak University – Nakuru, Kenya

Bachelor of Science in Actuarial Science | September 2019 - December 2023 (Expected Graduation)

- In-depth coursework in mathematics, statistics, risk assessment, and financial modeling.

- Focused on applying mathematical and statistical methods to analyze and solve complex financial problems.

- Honed skills in using actuarial software and tools for data analysis and modeling.

Maseno School – Maseno, Kenya

Kenya Certificate of Secondary Education (KCSE) | Graduated in [2018]

- Achieved a B+ grade, demonstrating strong academic performance and commitment to education.

- Participated in extracurricular activities, showcasing leadership and teamwork abilities.

SHORT COURSES Date	Institution	Course
September to December 2022	Great Learnig	Data science packages

WORK EXPERIENCE

CIC Insurance Group – Nairobi, Kenya

Under Policy Administration (Individual Life Insurance) | January 2023 - April 2023

- Contributed to the efficient management and administration of policies within the Individual Life Insurance division.

- Collaborated with cross-functional teams to ensure accurate policy documentation and customer service.

- Gained insights into insurance processes and procedures, enhancing knowledge of the insurance industry.

Responsibilities

- Preparing and reviewing insurance claim forms and related documents for completeness.
- Organize and work with detailed warehouse records using computers to enter, access, search and retrieve data.
- Calculating amount of claim and pensions.
- Constantly contacting insured or other involved persons to obtain missing information.
- Post information to claim file.
- Transmit claims for payments or investigation.

Accomplishment

- Work directly with insurance carriers, healthcare providers and patience to get claims processed and paid.
- Answered patience billing questions and handled any discrepancies.
- Established and solidified client relationship through high quality customer service.

RESEARCH EXPERIENCE(PROJECTS)

Successfully completed projects at Moringa School:

- House Price Prediction: Utilized machine learning techniques to predict house prices based on various features.
- Life Expectancy Prediction: Developed predictive models to estimate life expectancy based on relevant factors.
- Movie Performance at Box Office: Analyzed movie data to predict and assess box office performance.
- Market Analysis Dashboard (Power BI)
  - ✓ Developed an interactive Power BI dashboard to visualize market trends, competitor performance, and customer preferences, assisting senior management in strategic decision-making.
  - ✓ Implemented calculated fields and parameters in Power BI to allow users to customize views based on specific criteria.

SKILLS

- ➢ Data Analysis: Data preprocessing, feature engineering, exploratory data analysis.
- ➢ Machine Learning: Regression, classification, clustering, and model evaluation.
- ➢ Programming: Proficient in Python and R programming languages.
- ➢ Tools: Familiarity with libraries such as Pandas, NumPy, Scikit-learn, and Matplotlib.
- ➢ Actuarial Science: Risk assessment, financial modeling, actuarial software.
- ➢ Communication: Clear verbal and written communication skills.
- ➢ Teamwork: Collaborative and effective team player.
- ➢ Data Analysis and Visualization: Excel, Tableau, Power BI
  - Proficient in creating dynamic dashboards, visualizing complex data sets, and identifying key trends and patterns.
  - Utilized Excel for data cleaning, manipulation, and advanced formulas to extract meaningful insights.
  - Created interactive visualizations and reports in Tableau and Power BI to communicate data-driven narratives effective.

LEADERSHIP POSITIONS

May 2017 to 2018 November -Maseno School-Senior Mathematics Captain and Chairperson Mathematics Club.

May 2022 to December -Kabarak University -Organizing Secretary Kabarak University Actuarial Science Student Society.

REFERENCES

MR MARKSON RUGUT   DR PETER RUGIRI   KEVIN ONDARA

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