John Mary Nyajura

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Professional Summary

Aspiring data scientist and ethical hacker with a strong foundation in statistics, programming, and cybersecurity. Skilled in leveraging data to drive decisions, secure systems, and build full-stack web applications.

Skills

Technical Skills: Python, R, Java, C++, HTML, CSS, JavaScript, PHP, MySQL, React
Data & Analytics: Power BI, Tableau, Data Visualization, Machine Learning, Statistical Modeling
Cybersecurity: Ethical Hacking, Networking, System Security
Tools & Platforms: Git, VS Code, Jupyter, SPSS
Soft Skills: Research, Communication, Problem-Solving, Critical Thinking

Experience

APRIL 2023 - JULY 2023

AMREC, Kisumu — Mentee

- Gained hands-on experience in data science, research methodologies, and statistical analysis.

- Worked on real-world data projects using machine learning and visualization techniques.

- Developed skills in survey design, data cleaning, and insights generation.

- Applied statistical analysis and ML models to real-world data projects.

- Designed surveys, cleaned datasets, and derived actionable insights.

- Visualized data using Power BI/Tableau for presentations and reports.

Skills

- Data Science & Statistical Analysis
- Machine Learning & Artificial Intelligence (AI/ML)
- Cybersecurity & Ethical Hacking
- Networking & System Security
- Web Development (HTML, CSS, JavaScript, PHP, MySQL, React)
- Programming (Python, R, Java, C++)
- Data Visualization & Business Intelligence (Power BI, Tableau)

- Research & Data-Driven Decision Making
- E-commerce & Digital Entrepreneurship

Experience

APRIL 2023 - JULY 2023

AMREC, Kisumu *-mentee*

- Gained hands-on experience in **data science, research methodologies, and statistical analysis**.
- Worked on **real-world data projects**, applying machine learning and visualization techniques.
- Developed skills in **survey design, data cleaning, and insights generation for decision-making**.

Education

August 2023 - Current

Mama Ngina University College, Gatundu - *Bachelor of science in Statistics and Programming*

- Acquiring advanced knowledge in **statistical computing, AI, and cybersecurity**.
- Working on projects related to **data analysis, predictive modeling, and software development**.

Awards & Projects

Awards & Certifications

- **Certified in Data Analysis and Research Methods – AMREC:** Gained hands-on experience in statistical analysis and research design using industry-relevant
- **Hackathon Participant** – Competed in coding & cybersecurity challenges.

Projects

- **Social Networking Platform:** Full-stack site with authentication, chat, multimedia, and real-time features.