

Contact

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Top Skills

Analytical Skills

Artificial Intelligence (AI)

Computer-Aided Design (CAD)

Certifications

Applied Data Science Lab

Mackdonald Shiwani

Data Science | Electrical and Electronic Engineer
Kenya

Summary

I am an experienced Electrical and Electronic Engineer with a strong foundation in data science, AI, and automation. Skilled in Python, SQL, and NoSQL databases, I utilize data-driven insights to solve complex engineering and technological challenges. My passion lies at the intersection of electrical systems, software development, and Data science, where I continuously innovate to drive efficiency and optimization. Let's connect and collaborate on cutting-edge solutions that shape the future of technology.

Experience

WorldQuant

Research Consultant

March 2023 - Present (2 years 1 month)

Financial Alpha Creation

Data Analysis

Algorithm Trading \$ Backtesting

Use API for Alpha creation

Chuka University

Electrical and Computer Engineering

May 2024 - August 2024 (4 months)

Kenya

Kenya Airports Authority

Electrical and Instrumentation Engineer

May 2023 - August 2023 (4 months)

JOMO KENYATTA INTERNATIONAL AIRPORT

Eastern Produce Kenya Limited

Electrical Engineer

January 2022 - March 2022 (3 months)

Chemomi

Eastern Produce Kenya Limited
Electrical attachee
March 2021 - May 2021 (3 months)
Kepchomo

Education

CHUKA UNIVERSITY

Bachelor of Science - BS, Electrical and Electronics
Engineering · (2020 - 2025)

WorldQuant University

Science, Data Science · (March 2023 - November 2023)

WorldQuant University

Artificial Intelligence and Computer Vision · (November 2024)