

Jeremy Kimbo

Mechanical Engineer

Passionate, inquisitive and determined to use the knowledge I have acquired up to this point to improve the lives of the less fortunate and leave the planet in a better state than I found it.



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WORK EXPERIENCE

Technical Manager

ARC Ride Kenya

12/2020 - Present

Achievements/Tasks

- Design of Electric motorcycle, scooter, tuk tuk; retrofitting of electric vehicle powertrain for retrofitting of ICE vehicles
- Manage team handling maintenance & repair of Electric 2 wheeler (scooter & motorcycle) and Electric 3 wheeler
- Set up and management of assembly line for Electric Motorcycle & Scooter
- Set up of Charging sites and Battery Swap Stations for Electric Vehicles

Graduate Mechanical Engineer

GIBB International

11/2017 - 11/2020

Tasks

- Design of mechanical engineering services; Preparation of drawings and specifications for mechanical services; Preparation of cost estimates for mechanical services.
- Preparation of Bills of Quantities and tender documents for mechanical services; Tender process support including tender evaluation and preparation of tender evaluation report.

Head Intern

Carol Musyoka Consulting

07/2017 - 11/2017

Tasks

- Coordinated with other members of the team to develop a survey app/online survey tool related to board activity and corporate governance issues.
- Heavily involved in the redevelopment of the website for the company. Formatting, editing, tagging (for SEO) and posting of all articles on the company website.

EDUCATION

BEng (Hons) Mechanical Engineering

The University of Manchester

10/2013 - 06/2017

Courses & Projects

- 3rd Year Project: Biomechanics of Football: Analysis of Free kick Technique to Improve Effectiveness

SKILLS

Teamwork

Problem Solving

Data Analysis

Computer Skills

Active Listening

Adaptability

Verbal & Written Communication

Emotional Intelligence

STEM Skills

CAD

SEO

Design

PROJECTS

E2+ Design (12/2020 - Present)

- Design of a fully Electric Motorcycle for commercial use

Olkaria V Geothermal Power Plant

(11/2017 - 11/2020)

- Construction of 140 MW Geothermal Power plant; Client: KENGEN.
- Mechanical engineering designs, review of contractor's drawings, generating bills of quantities and site inspections.

Redevelopment of Langata Shopping Centre

(11/2017 - 11/2020)

- Mechanical engineering designs, drawings, specifications, bills of quantities and preparation of tender documents, tender evaluation and construction supervision. Mechanical services included plumbing and drainage, water storage and pumping, solar water heating, fire protection, mechanical ventilation, water reticulation among others.

CERTIFICATES

Strathmore Energy Research Centre T1 & T2 Solar Photovoltaics Course (09/2018 - 10/2018)

IRB Rugby Ready Certification (09/2018 - Present)

LANGUAGES

English



Kiswahili



INTERESTS

Rugby coaching

Cooking

DJing

Guitar

Mountain climbing

Farming

Modeling

Traveling