

CURRICULUM VITAE

MATHARA KELVIN MURITHI

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Embu.

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Personal Details

Date of Birth:	14th June 1997.
Sex:	Male.
Marital Status:	Single.
Nationality:	Kenya.
Fluent in:	English and Kiswahili.
Religion:	Christian.

Profile

A Diploma of Electrical and Electronics Engineering and Technology student (awaiting graduation), keen to secure a position as a technician or similar. This position will allow me to utilize the technical and analytical skills and knowledge I have acquired to help further develop those skills in a practical and fast-paced environment. My career goal is to assume a role which allows me to take full responsibility for the position delegated and readily collaborate with others to achieve common goals.

Education and professional qualifications.

Kirinyaga University – 2014 to Present

Diploma in Electrical and Electronics Engineering major in Power Systems.

Course Highlights: Computer Programming and Utilization, Electrical Machines, Digital & Analogue Electronics, Microcontrollers, Power Systems, Transducers and Signal Controllers, Power Electronics, Electrical Installation, Sensors, CAD, Communication Skills, Management and Programmable Logic Controllers.

St Joseph Allamano Boys secondary school, Chuka – 2009 – 2013.

Kenya Certificate of Secondary Education (KCSE)

Ngurubani Primary school, Mwea - 2008

Kenya Certificate of Primary Education (KCPE)

Professional Experience

Electrical and Electronics Engineering Intern, Embu Level 5 Hospital, May 2016 – August 2016.

Duties and Responsibilities.

- i. Installing and testing new electrical machines, equipment and wiring systems.
- ii. Performing routine inspection of existing hospital electrical systems and machinery.
- iii. Performed maintenance of hospital equipment including standby generators, Magnetic Resonance imaging machine (MRI), Oxygen purification plant and water purification plant.
- iv. Daily inspections for Oxygen and water purification plants.
- v. Installing and patching server operating systems on the various virtual machines; backing up data and installing updates.
- vi. Installing, maintaining and configuring hospital Wide area networks (WAN).
- vii. Performed monthly inventory management for Biomedical engineering department workshop.

Other Skills and Qualifications

Software Programming

IT has vast topics relating to computer hardware and software. My area of speciality is Mobile application programming (Android), aimed at creating applications for businesses and other industries.

IoT and Control Systems Design

My area of speciality in Automation and IoT includes creating security systems which include access control, burglar alarms and intruder detection systems and creating home automation systems which can be used in homes, businesses and farms

Leadership Skills

I have been a leader at various levels in high school.

Computer Skills

I have learnt and become efficient in frontend and backend web programming languages such as PHP, ASP, JAVASCRIPT and desktop Programming languages like C++, JAVA, PYTHON and also Mobile programming with ANDROID. Other computer skills are Microsoft Office 2010 / 2013 (Word, Excel, PowerPoint, Access), Microsoft Windows 7 / 8,8.1/10 and Linux.

Interests

Interests at the University include playing chess, karate, Badminton, cinema and theatre. I'm deeply fascinated at solving problems and creating new things that's why for the better part of my day I spend in programming.

References:

Madam. Faith Kiwiri,

COD, Department of Engineering and Building Sciences (EBS).

Kirinyaga University,

P.O BOX 143-10300, Kerugoya, Kenya.

0724390661.

Mr Edwin Njoroge

CEO,

Jilinde Alerts and Response,

0728953777.

Mr Kariuki

Supervisor, Biomedical Engineering.

Embu Level 5 Hospital,

0714023280