**CURRICULUM VITAE**

Derick Ogutu

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Objective:

To obtain an attachment opportunity in Electrical, Instrumentation and Control Engineering that will allow me to gain hands-on experience, apply my academic knowledge, and develop my technical and teamwork abilities in a practical setting.

Education:

Went to Makunda primary school and graduated in 2014 with KCPE certificate of 384 marks then proceeded to Kisumu Boys High school (2015-2018) and graduated with KCSE certificate of B+ then 2019 joined Egerton University where am currently pursuing my degree.

Bachelor of Science in Electrical, Instrumentation and Control Engineering, Egerton University, Expected Graduation Date: JULY 2024 Relevant coursework: Control Systems, Sensors and Actuators, Programmable Logic Controllers, Industrial Instrumentation, Process Control, Digital Signal Processing and Electrical.

Skills:

* Knowledge of control systems, sensors, and actuators
* Experience with programmable logic controllers and industrial instrumentation
* Familiarity with process control and digital signal processing
* Member of Egerton University Technical Engineering Enthusiasts Club (EUTEEC)
* Familiarity with electrical and electronics, wiring and installations
* Proficient in Microsoft Office Suite, MATLAB, and Simulink
* Strong problem-solving and analytical skills
* Excellent communication and interpersonal skills

Leadership:

* Served as a class representative during my second year at Egerton University, where I led discussions and facilitated communication between students and faculty
* Coordinated a fundraising event for a local charity during my time in high school, which involved organizing volunteers, promoting the event, and managing donations

Sports:

* Active member of the Egerton University lawn tennis for the past two years, where I have developed my leadership and teamwork abilities while competing at a high level

Experience:

* No formal work experience, but I have gained practical experience through laboratory experiments and coursework in Instrumentation and Control Engineering.

Projects:

* Developed a temperature control system using a programmable logic controller and sensors as part of a course project, which involved designing the system, programming the controller, and testing its performance
* Designed and built a wind turbine as part of a team project, which involved applying principles of control systems and instrumentation to optimize the turbine's efficiency
* Designed a REEGEN system involved in automating landfill systems instead of dumpsites to help control environmental pollution.

References:

1. Dr. Maguu Nicassio

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