

OBED GAKUI WAMBUGU

+254 748171214 ◇ obedwambugu12@gmail.com ◇ <https://github.com/obedWambugu>

OBJECTIVE

To be associated with a progressive organisation that gives me scope to enrich my skills at congruent to a global level, to learn team dynamics and to work towards the growth of the organisation.

EDUCATION

BSc Mechatronic Engineering	2020 till date
Jomo Kenyatta University Of Agriculture and Technology	
High School Education	2016 - 2019
Sheikh Khalifa Secondary School	

EXPERIENCE

Mechatronic Engineering Intern (Jomo Kenyatta University Of Agriculture and Technology)
Mechatronic Engineering Intern (NAKUJA PROJECT – Africa-ai-Japan JICA)
Rocket Engineer (NAKUJA PROJECT – Africa-ai-Japan JICA)

PROFILE

Dedicated Mechatronic Engineering Student in JKUAT, Juja over 4 years.

An unwavering commitment to studying and the drive to better the human race in terms of technology and engineering.

SKILLS AND INTERESTS

Skills	Quick learner, Innovative, Decision Maker, Hard working,
Platforms	Inventor, AutoCad, SolidWorks, Eagle PCB, EasyEda, Arduino IDE, Ultimaker Cura
Programming Languages	Java, C, Python
Interests	Sketching, Novels, Painting, Photography

PROJECTS

Solid Rocket Motor Fabrication, 2024.
Obstacle avoiding and Pick-and-place robot, 2023
Liquid Rocket Sensor PCB, 2023.
Sustainable Additive Manufacturing, 2023.
Metal casting, 2022.

KEY ACCOMPLISHMENTS

Fabrication of solid propelled rocket engines.
Part of a team that worked with sustainable additive manufacturing practices under SustainAM.
Leader of team that designed and fabricated circuitry used to aid in sensor control of the rocket fuel system.
Part of a team that competed in a Robotics competition.
Designed and fabricated a door lock via 3D printing and machining.
Part of a team that showcased a Warehouse Robot innovation during the annual Jkuat Tech Expo event.

EXTRA-CURRICULAR ACTIVITIES

Won 2nd prize in 'Robotics Competition', JKUAT.

Won 3rd prize in 'Tech Expo' , JKUAT.

PERSONAL INFORMATION

Date of Birth	26 December, 2001
Marital status	Unmarried.
Languages known	English and Kiswahili.

DECLARATION

I hereby declare that the information given above is true to the best of my knowledge. I will make it my earnest endeavour to discharge competently and carefully the duties you may be pleased to entrust me.