

# 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

---

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

## 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)**  
**Web and Automations Intern (KCB Bank Limited)**

## 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

---

<b>Skills</b>	Quick learner, Innovative, Decision Maker, Hard working
<b>Platforms</b>	Inventor, AutoCad, SolidWorks, Eagle PCB, EasyEda, Arduino IDE, Ultimaker Cura, UIPath
<b>Programming Languages</b>	Java, C, Python
<b>Frameworks</b>	Angular, Spring-boot
<b>Interests</b>	Sketching, Novels, Painting, Photography

## PROJECTS

---

Construction 3D Printer, 2025  
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

---

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.  
Part of a team that came up with a 3-axis Robotic Arm meant to be a Construction 3D printer

**EXTRA-CURRICULAR ACTIVITIES**

---

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

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

**PERSONAL INFORMATION**

---

<b>Date of Birth</b>	26 December, 2001
<b>Marital status</b>	Unmarried.
<b>Languages known</b>	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 with.