

Peter Kamau Mwaura

📍 P.O. BOX 30197-00100, Nairobi, Kenya

☎ +254-792-825-424

✉ dauidpeterkamau@gmail.com
dauidpeterkamau@outlook.com

🌐 www.linkedin.com/in/peter-kamau-mwaura-aa748b241

Personal Statement

Final-year Biosystems Engineering student (graduating this year) seeking an internship to develop skills and gain practical experience. Proficient in CAD (AutoCAD, FreeCAD, Autodesk Inventor, SolidWorks, Mastercam) and GIS (Quantum GIS, ArcGIS, Golden Surfer) software. Passionate about agricultural mechanization, mechanical drawing and design, environmental conservation and water resources management. Eager to contribute technical abilities to a dynamic team.

Education

Bachelor of Science in Biosystems Engineering

Sept 2020 – May 2025

- University of Nairobi, P.O. BOX 30197 - 00100, Nairobi, Kenya

AutoCAD Certificate

June 2022 – Oct 2022

- College of Advanced Technology, P.O.BOX 7367-00200

Kenya Certificate of Secondary Education (KCSE)

Feb 2016 – Nov 2019

- Ololaisai High School, P.O. Box 71-00208 Ngong Hills, Kenya

Experience

Environmental and Biosystems Engineering intern

June 2024 – Aug 2024

Ngong Veg Limited, P.O. Box 782-00517, Nairobi, Kenya

- Assisted in irrigation planning, maintenance and implementation.
- Gained hands-on experience in cultivation techniques, crop monitoring, pest control and harvest scheduling for large-scale vegetable production.
- Acquired practical skills in vegetable processing, including cleaning, sorting, canning, and packaging operations.
- Operated and maintained agricultural and processing machinery, with a focus on improving efficiency and minimizing resource use.
- Engaged in sustainable farming practices, including crop rotation and organic farming methods, to enhance environmental conservation.
- Leveraged data collection and analysis skills to monitor crop performance and processing efficiency, contributing to decision-making processes.
- Learned to navigate and ensure compliance with agricultural regulations, food safety standards, and environmental policies.
- Worked closely with multidisciplinary teams to support end-to-end operations from field to packaged product.

Skills and Languages

- English (C2), Swahili (C2) and Kikuyu (Mother tongue)
- Quick learner
- Teamwork and collaboration
- CAD/CAM software mastery in AutoCAD, Autodesk Inventor, SolidWorks, FreeCAD, ZWCAD, Mastercam, EPANET and WaterGEMS
- Strong communication skills
- GIS software e.g. ArcGIS Pro, Quantum GIS and Golden Software Surfer
- Problem-solving
- Proficient in Microsoft Office programmes (Word, Excel and PowerPoint)
- MS Visio

Referees

1. UNIVERSITY OF NAIROBI
DR. JOHN PAUL OBIERO
CHAIRPERSON BIOSYSTEMS ENGINEERING DEPARTMENT
P.O. BOX 30197 – 00100, NAIROBI, KENYA.
jobiero@uonbi.ac.ke
2. UNIVERSITY OF NAIROBI
MR. STEPHEN C. ONDIEKI
LECTURER
P.O. BOX 30197 – 00100, NAIROBI, KENYA.
scondieki@uonbi.ac.ke
3. NGONG VEG LIMITED
MR. WYCLIFFE OTIENO
AGRONOMY MANAGER
P.O. BOX 782 - 00517, NAIROBI, KENYA.
+254 724 505061