



# Ian Mukua

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Nairobi, Nairobi

## Summary

Highly skilled molecular biologist with expertise in laboratory techniques and data analysis. Proficient in Python and C programming, experienced in molecular biology research including DNA extraction, PCR, gene expression analysis, and protein purification. Passionate about scientific innovation and contributing to healthcare advancements.

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## Experience

### Network Administrator

Uninets Solution • Juja, Nairobi

01/2022 - 01/2023

- Performed day-to-day LAN and WAN administration, maintenance, and support.
- Maintained network hardware and software and monitored network to support network availability to end users.
- Introduced management tools to create and manage virtual server computing environment.
- Installed, configured and supported local area network (LAN), wide area network (WAN) and Internet system.

### Research Attachee

Kenya Forestry Research Institute • Muguga, Nairobi

09/2021 - 11/2021

- Completed research, compiled data, updated spreadsheets, and produced timely reports..
  - Examined and studied chemical, physical and genetic makeup of Eucalyptus..
  - Collected and tested samples of cells and tissues to conduct studies.
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## Skills

Microsoft Office, Python programming, C programming, Git, DNA Manipulation, Sample Analysis

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## Education

### Software Engineering

ALX AFRICA • online

01/2024

Backend Engineering

### B.Sc Biotechnology

Jomo Kenyatta University of Agriculture And Technology • Juja, Kiambu

12/2022

Second class Honors

### KCSE

Kanga Boys • Rongo, Migori

12/2014

Kenya Certificate of Secondary Education