Curriculum Vitae

**Nationality**: Kenya

**Address**: Nairobi

**Phone number**: 0725421289

**Email address**: doreen.kinyuahellen@gmail.com

# Profile

I am currently a student pursuing a Bachelor in Business Information Technology at Dedan Kimathi University of Technology. I have proven myself in my recent training (attachment) and demonstrated my abilities, leadership skills, creativity, commitment, knowledge, and attention. Seeking a challenging position where I can utilize my technical expertise to create applications.

# Work Experience and History

During my tenure as a student, I have gained valuable experience through hands-on projects and collaborations. Some highlights include:

* Developed and implemented features for Android applications, resulting in a 20% increase in user engagement.
* Optimize code performance and enhance app usability through continuous testing and debugging processes.
* Stay current with industry trends and best practices, incorporating latest technologies to deliver cutting-edge solutions.

**KENYA POWER AND LIGHTING COMPANY.**

Attachment| June 2023 – August 2020

* Utility-Specific Software Proficiency: Acquired hands-on experience in using utility-specific software systems for metering, billing.
* Networking Fundamentals: Developed a foundational understanding of network infrastructure and protocols within the utility sector, including power distribution systems and communication networks, through practical exposure and mentorship.
* Cybersecurity Awareness: Completed comprehensive cybersecurity awareness training.
* Basic Software Development Skills: Demonstrated proficiency in basic software development and scripting using tools such as Python and.
* Database Management Competence.
* Project Support and Coordination.
* Customer Service Excellence.
* Data Analysis and Reporting.

# Skills

**Technical skills**

Mobile application development: Java, kotlin, Firebase, MySQL database

Web development: Html, CSS, JavaScript

Networking: packet tracing

Data entry: Microsoft Excell

**Additional skills**

Problem-solving

Willingness to learn

Organized

Effective communicator.

# Education

**DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY**

May 2020- May 2024

Bachelor in Business Information Technology

# Certificates

## Cisco Networking Academy

CCNA: Introduction to Internet of things: Completed three-month training on introduction to IOT course and was awarded a certificate of completion.

## Cisco Networking Academy

NDG Linux Essentials: Completed three-month training on Linux Essentials course and was awarded a certificate of completion

**Diploma in Information Technology.**

Dedan Kimathi University: Completed a two years study in diploma in information technology.

# Accomplishments

During my internal attachment at Dedan Kimathi University of Technology, I managed to accomplish the following:

1. **In Software**

* I did a project on a security management system (Face recognition system) for a university, whose purpose was to detect and scan faces at the entrance of the university premises. The system was implemented using Python and Java programming languages. The system interface (login and register) was implemented using Java language, while the rest of the system used Python language. I used the MySQL database to store data. In addition, the system required the installation of libraries such as CMake, CV2, and dlib. During this time, I improved my research skills, learned analytical skills programming skills (Python and Java), and learned how to draw diagrams using different drawing software tools such as a lucid chart, visio, and draw.io.

1. **In Networking**

I practically implemented a cross-wired cable using a crimping tool and terminated an Ethernet cable. I had hands-on experience with different networking devices, such as routers, switches, and wireless access points. Moreover, I learned how to troubleshoot networking problems using network commands such as ping and trace route. In addition, I created a simple network using a packet tracer.

1. **In Hardware**

I learned the different parts of the motherboard of the system unit of a computer, such as the heat sink, Bios, different ports, and CMOS battery. Moreover, I learned the steps of troubleshooting and repairing a computer and different ways of maintaining a computer.

# References

**Dr Patrick Gikunda**

COD, IT department -Dedan Kimathi University of Technology

Cell Phone: +254724381702

P.O Box 657-10100.