



+254707557240



marymacharia2044@gmail.com



P.o.Box 72755-00200
NAIROBI

Education

**St.Teresas Girls
Primary School**
2009- 2016

**St.Mary's Girls High
School-Igoji**
2017 - 2021

**Dedan Kimathi University
Of Technology**
2021-present

Expertise

Coding but not proficient.
Graphic design
Computer Networking.
Computer Security essentials

Language

English
Kiswahili

MARY MACHARIA

Computer Science

Profile

As a computer science student at Dedan Kimathi University Of Technology, I am passionate about computer security, programming and computer networks. My studies have equipped me with a solid foundation in network protocols and cybersecurity principles, further enhanced through hands-on projects also in coding. I am eager to gain practical experience in a professional setting and contribute my skills and enthusiasm to a team environment.



Experience

2021

-

2022

Leadership

- I gained leadership skills at the university, where I was elected as a delegate for a one-year term. This experience helped me build my confidence and enhance my problem-solving abilities.

2021 -
present

Coding Skills

- I developed essential coding skills in land am currently engaged in my final year project, which involves creating a diabetes management system.
- I attended various hackathons and workshops hosted by the university, as well as events organized by Africa Talking and the Mt. Kenya Hub

2023-
present

.Projects

- I am currently working on several programming projects, including
- Diacare, a diabetes management system using programming languages like Laravel, and Blade that helps patients manage their condition,
- Mtahini, a mobile application using Java ad Firebase for backend development that allows students to log into the school portal and view their schedules.
- Additionally, I am advancing my computer networking skills at the Cisco Networking Academy and I have also gained some knowledge in machine learning through the Google Colab platform.
- I am currently honing my cybersecurity skills by actively engaging in challenges on the Capture the Flag platform and TryHackMe. Through these platforms, I am gaining valuable knowledge and hands-on experience in penetration testing and reverse engineering techniques.

**May 2024-
Mid June
2024**

Achievements

- I am pleased to announce that I successfully completed a six-week learning course at the ALX AiCe Academy.
- During this period, I acquired substantial knowledge and skills in artificial intelligence, learning to utilize AI tools such as Canva for graphic design and Infogram for intensive data analysis, which have significantly enhanced my work output. Additionally, I developed valuable entrepreneurship skills throughout the course.

Objectives

- As a computer science student eager to learn and contribute, I am excited about the prospect of leveraging my programming, networking, and cybersecurity knowledge. I am looking forward to assist and learn from tasks like , developing user interfaces, or contributing to existing codebases.
- In the realm of computer networking, I'm keen to gain hands-on experience with network setup, troubleshooting connectivity issues, and learning about network security protocols.
- My understanding of cybersecurity principles allows me to identify potential vulnerabilities and contribute to creating a more secure IT environment. I'm a strong believer in teamwork and look forward to collaborating with experienced professionals to learn best practices, contribute fresh perspectives, and effectively address any technical challenges that may arise.