Peter Kimwe

Cybersecurity specialist

I am an ambitious IT student with a strong foundation in software development and cybersecurity, I am keen to leverage my technical skills and theoretical knowledge in a practical setting. I am eager to contribute to innovative projects, collaborate with experienced professionals, and enhance my problem-solving abilities. My goal is to gain hands-on experience, develop industry-specific expertise, and contribute to the success of an organization while continuing to learn and grow in the dynamic field of information technology.

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EDUCATION

Business Information Technology
Dedan Kimathi University of Technology
09/2021 - 08/2024   *Nyeri/Kenya*

KCSE
Kangema High School
01/2017 - 04/2021   *Muranga/Kenya*

EXPERIENCE

Junior Ethical Hacker Trainee
Tryhackme
01/2024 - Present
This training platform allows aspiring hackers to learn and test their hacking skills in a controlled environment.
Achievements/Tasks
- Testing machines in a controlled environment.
- Applying various technologies to bruteforce passwords and cracking hash files.
- Learning different hacking techniques in order to root machines.

Internal attachment
Dedan Kimathi University of Technology
01/2023 - 04/2023   *Nyeri/Kenya*
Achievements/Tasks
- Terminating network cables and testing them.
- Designing a small corporate network and testing the network.
- Disassembling and assembling a computer to understand its hardware.
- Configuring networking devices

Python developer trainee
Cisco
04/2024 - Present
Achievements/Tasks
- Learning the python programming language and its syntax.
- Completing various simple projects in python.

SKILLS

Pentesting   SQL Injection

Network Administration   SQL Database   Python

Threat detection and defence   Machine learning

PERSONAL PROJECTS

Vehicle Registration System (01/2023 - 04/2023)
- Developed a web-based application for vehicle registration.
- Technologies used: HTML, CSS, PHP, JavaScript, MySQL.
- Implemented features for updating, adding, and deleting vehicle details.

Dekut Wildlife Conservancy Management App
 (01/2024 - 04/2024)
- Developed a mobile application for Dekut Wildlife Conservancy.
- Technologies used: Java, XML, Firebase.
- Implemented features for viewing the conservancy, booking, and payment.

Bayesian model for greenhouse rose cultivation
 (01/2024 - 08/2024)
- The machine learning model enabled rose flower farmers to predict the type of environment that is available in the greenhouse at any given time.
- Technologies used: Python, Flask, HTML, MYSQL

CERTIFICATES

Introduction to cyber security (CISCO)
 (05/2023 - 07/2023)

Linux Administrator (CISCO) (01/2024 - 04/2024)

Networking Basics (CISCO) (05/2024 - 07/2024)

AI Career Essentials (ALX) (02/2024 - 06/2024)

LANGUAGES

English   Swahili
Full Professional Proficiency   *Full Professional Proficiency*