Maurine Wangechi Maingi

|Cybersecurity| Information Technology| Researcher|

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Summary

Results-driven Information Technology expert with a proven record of optimizing performance. Expertise in networking, machine learning, cybersecurity, data science, and team leadership. Skilled in Python, Wireshark, PacketTracer, SQL and with a focus on developing robust cybersecurity and machine learning algorithms. Seeking to leverage technical expertise and passion for innovation in a challenging role at a technology-driven company.

Professional statement

Motivated cybersecurity professional with hands-on experience in cyber threat intelligence. Proficient in network security protocols, incident response strategies, and machine learning modeling and simulation. Seeking a challenging role where I can apply my technical skills to enhance cybersecurity measures, implement data science approaches, and mitigate risks for a forward-thinking organization.

Skills

1. Technical Skills

   - Advanced computer software such as Microsoft Office, IFMIS system, Quickbooks, AutoCAD, networking, software development, data analysis,

Artificial Intelligence, programming languages, and web development languages.

- Substantial skills in using almost all tools relevant to cybersecurity

2. Soft Skills
- Communication: Excellent verbal and written communication skills, able to convey information clearly and effectively.
- Teamwork: Proven ability to work collaboratively with team members to achieve common goals.
- Problem-solving: Strong analytical and critical thinking skills to identify issues and develop effective solutions.
- Time Management: Efficient in managing time and prioritizing tasks to meet deadlines.
- Leadership: Demonstrated leadership abilities, capable of motivating and guiding teams towards success.
- Customer Service: Committed to providing excellent customer service and ensuring customer satisfaction.

Educational Background

1. Bachelor of Science in Information Technology

Dedan Kimathi University of Technology

October 2021- to date

Relevant coursework and practicals in Information Technology.

2. Diploma in Information Technology

   Nyandarua National Polytechnic

   May 2016- December 2019

   Relevant coursework and practicals in Information Technology.

3. Kenya Certificate of Secondary Education

   Kerugoya Girl's High School

   February 2011- November 2015

4. Kenya Certificate of Primary Education

   Kasuku P.C.E.A. Academy

Training

1. Digital Forensics and Threat Intelligence

   Cyber-Secured India (March 2023- November 2023)

   - Trained as a cyber security analyst and learned to do digital footprint and use tools like Spider Foot, SIEM tools, Operating Sytems and other tools used in cybersecurity threat intelligence. Also did some threat intelligence projects working closely with my tutors and colleagues in the training.

2. Kevin Mitnick Honor Mentorship and Training Program for Cybersecurity

   (August 2023-February 2024)

   - Trained as a cybersecurity expert working closely with my colleagues and trainers in learning and engaging in practices. Also trained in team building, collaboration with colleagues and project management.

3. Digital Forensics and Threat Intelligence

    CyberSafe Foundation (March 2023- November 2023)

   - Trained as a cyber threat intelligence expert and learned all that entails digital forensics. The focus was on digital footprint and using tools like Spider Foot and SIEM tools and did some threat intelligence projects. Gained a lot in team collaboration with my colleagues, mentors, and tutors.

4. IT Laboratory Trainee

Dedan Kimathi University of Technology (February 2023- May 2023)

- Trained to build a management information system and make sure it is running smoothly. Also learned to install an Operating System, and dismantle and assemble hardware parts of a computer. Networking skills like WIFI connection and using software such as Wireshark and PacketTracer for network configuration.

5. Treasury Office Trainee

   Nyahururu Subcounty Treasury (January 2019- April 2019)

- Trained on how to do administrative work in a government office. Use of the IFMIS system for accounting purposes, writing official emails, and the chain of command in an office.

6. Secretary Office Trainee

   Head of Conservancy Central Highlands: Kenya Forestry Services (January 2017- April 2017)

- Trained on how to do the administrative duties of a clerk in a government office example, typing emails, printing documents, writing meeting minutes, and also the chain of command in an office.

Languages

1. English: Fluent (Native proficiency)
2. Kiswahili: Fluent (Native proficiency)

Hobbies and Interests

1. Active involvement in co-curricular activities including ADA Peer Educator, Peace Ambassadors Kenya, and the Presidential Awards Club (Bronze award recipient, 2016).

2. Participation in the Red Cross Club, Rangers Movement Club, and Scouts Movement Club.

3. Enjoy reading, team building, national development activities, traveling, and attending conferences.

4. Ambition to become a respected IT and cybersecurity specialist, contributing to Kenya's digital vision for 2030.

Referees

1. Mrs. Felista. W. Githuku

National Treasury Subcounty Accountant,

Nyahururu.

P.O BOX 270-20300, Nyahururu.

Cell:+254722991736.

2. Dr Mr. Patrick. K. Gikunda

   Head of Information Technology Department,

   Dedan Kimathi University of Technology

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   Tel: +254713835979.

3. Madam Itunuoluwa Olorunfemi

Success Advisor (Africa)- CyberGirls

Cybersafe Foundation

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