

## **HINGA VICTOR MUCHOKI**

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GitHub: <https://github.com/VicHinga>

### **CAREER OBJECTIVE**

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- To work in a motivating and challenging environment that appreciates hard work, pragmatic and innovative ideas, team spirit and individual capacity building. To efficiently perform my duties and responsibilities in line with the mission and vision of the organization.
- To cope with the demands of the dynamic work environment.
- To ensure effective and efficient service delivery in organization of work and in fulfilling my duties as an employee of the organization.
- To uphold the ethical principles of professionalism.

### **ACADEMIC BACKGROUND**

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<b>2018 - 2020</b>	<b>Strathmore University</b> BSc Informatics & Computer Science   (Attained Degree)
<b>2016 - 2017</b>	<b>Strathmore University</b> Diploma in Business Information Technology   (Attained Diploma)
<b>2011-2014</b>	<b>PIONEER SECONDARY SCHOOL (MURANG'A)</b> Kenya Certificate of Secondary Education (K.C.S.E) Grade: B+ Mathematics A -, English B -, Kiswahili B

### **CERTIFICATIONS**

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- Palo Alto Networks - Cybersecurity Foundation: Auth Number: Qq55w15UUN
- Palo Alto Networks - Network Security Fundamentals: Auth Number: W6b5TE6Phx
- Palo Alto Networks - Security Operations Fundamentals: Auth Number: ud5Cdt4Qx
- Palo Alto Networks - Cloud Security Fundamentals: Auth Number: 0Mzr0j6CJS

## WORKING EXPERIENCE

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**March 2021 – to date**

**@iLab Africa Security Operation Center Analyst  
(Strathmore University Student Centre, 5th Floor)**

Cyber Security Researcher and System Analyst.

- Curriculum development, Training, Mentoring and Community Engagement: Home of hope cyber-security project and DMI Kenya Defence Forces Cyber Security project.
- Marketing and Administering Computer Hacking Forensics Investigator (CHFI) and Certified Ethical Hacker (CEH).
- Penetration testing using OWASP Guide.
  - a. Stima-Sacco Pentest: Mlangoni Web, Msasa Web and more.
  - b. Cafeteria system: - An ecommerce site created for Strathmore University to allow for the online sale and delivery of food.
  - c. County-Pro Mini web and County-Pro Main: - County-Pro Mini is a web-based application that manages unstructured revenue collection in Counties across Kenya.
  - d. iLabPay Web Pentest: - Payment gateway developed for ilabafrika. Merchants can access the system via a portal to configure and manage multiple payment accounts
- Certified by Palo Alto Networking and Network Security Expert (NSE).
- Data collection on Research on Decentralised Applications (DAPP) with innovation hub.

**January - March 2020**

**Kemnet Technologies Limited  
(Nairobi, Westland at Allamano Centre, 3rd Floor)**

Working under head of ICT

- Server and Database Management
- Domain Name Registration
- Web Hosting
- Web Design
- Optical Fiber Network Set up

**January - March 2019**

**St Mary's Primary School**

Community Engagement and Voluntary service- 200hrs

- Organize data in a newly sourced school website
- Teaching Computer Studies to Classes 5-7
- School Library Management
- Digital Laboratory Hygiene Management

**January - March 2018**

**Ololaiser Water & Sewerage Company  
(Ongata Rongai Office)**

Working under head of ICT

- Database Management
- Reconciling Account Payables
- Digital Hygiene Management
- Updating and maintaining Windows 10 Operating System

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## **COMPUTER SCIENCE PROFICIENCY SKILLS**

Python, JavaScript, Nodejs, HTML/CSS, Arduino C Programming Linux (Desktop & Server), Windows 10/ 8/ 7.

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## **EXTRA CURRICULAR ACTIVITIES**

- Member of the Strathmore SUITSA Club (2018 – 2020)
- Strathmore University Track and Field Athlete (2017 – 2020)

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## **LEADERSHIP POSITIONS HELD**

- Class Representative for ICS class (2018 – 2020)
- Rugby team captain at Pioneer High school (2012 – 2014)

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## **HOBBIES AND INTERESTS**

- Technical researcher.
- Football, Rugby and Track and Field.
- Swimming.
- Video gaming.

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## **REFEREES**

**1. Prof. Caleb Kandagor**

Lecturer Strathmore University - Humanities

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**2. Prof. Maingi Nicodemus Nzoka**

Lecturer Strathmore University - Computer Science

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3. **Sister Zipporah**

Head Teacher St Mary's Primary School

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4. **Prof. Stanslaus Mwongela**

Machine Learning Researcher, Microsoft

Supervisor, Final Year University Project

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