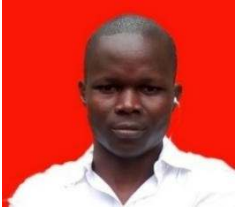# CURRICULUM VITAE

PERSONAL DATA

NAME: OCHIENG' BOSTONE

NATIONALITY: KENYAN

LANGUAGES: ENGLISH, KISWAHILI.

PHONE NO: 0795868951

EMAIL: bostoneochieng69@gmail.com

GITHUB: https://github.com/BOSTONE069

LINKEDIN: https://www.linkedin.com/in/bostone-ochieng-b258a8108/

EDUCATIONAL BACKGROUNG

1. The Technical University of Kenya   2015-2019
2. Ramba Boys High School   2011-2014
3. Miwani Estate Primary School   2003-2010

ACADEMIC QUALIFICATION

1. . BSC (INFORMATION SCIENCE) First Class Honours.
2. K.C.S.E   B+ of 69 points
3. K.C.P.E   352 Marks

ADDITIONAL QUALIFICATIONS

2022: Has done Software Engineering by Holberton School

2020: Has done the Certified Network Security Specialist (C.N.S.S)

2020: Has done Enterprise Design Thinking Practitioner by IBM

2020: Has done the Internet of Things (I.O.T) and Cyber security essentials by Cisco

2020: Has done the Full Stack development by Udemy and YouAccel.

2020: Has done Microsoft Azure Fundamentals and Offensive Penetration Testing by Cybrary.

2019: Has done certification in Penetration Testing and Ethical Hacking, Social Engineering,

CompTIA Linux+, CompTIA Security+, CISO, Red Team Security, Cryptography and CISM by Cybrary.

2018: Has been exposed to Big Data, Block chain technology and Artificial Intelligence at The Technical University of Kenya.

2018: Has participated in the Capital Market Authority (C.M.A) university challenge.

2011-2014: Has successfully and satisfactorily completed a course in ICT.

TECHNICAL SKILLS

• Data, Networking and Network troubleshooting and configuration

• Data Analytics and Cyber Threat Analysis and Intelligence.

• Systems Engineering and DevOps

• Data Structures and Algorithms

• Reverse Engineering

• Infrastructure Design and Management

• Database design and Implementation

• Web design and Development (Front/Back End)

• Information Security/Cyber Security

• Configuration Management

• Knowledge Management

• Records Management Skills

• Offensive Penetration Testing.

• Graphic Design.

Operating System:

Linux distros, Windows, Android, iOS and Mac OS

Programming languages:

Python, C, HTML, CSS, jQuery, JavaScript, Bootstrap, MySQL, XML, AJAX, SQLAlchemy, Puppet, Bash scripting, Fabric.

Applications:

Nginx, Apache2, HAProxy, Anaconda, Django, Git and Git Version Control, PyCharm, PostgreSQL, Joomla, MS Office Suite, Libre office, Visio and Project, Adobe Photoshop, Cisco Packet Tracer, MS Visual Studio Code, Slack, Dev C++, Virtual Box, Jupyter Notebooks, Codeblocks, LAMPP, WAMP, XAMP, Filezilla, Mariadb.

CURRICULUM VITAE

- Testing and fixing bugs or other coding issues.
- Create security and data protection settings
- Identify, recommend and configure suitable tools to enhance web security

INFORSEC INSTRUCTOR
([EDUCATIVE](#))

- Developing curriculum
- Technical content writer
- Creating learning materials
- Assessing students' progress and skills
- Conducting various research experiments and analyzing data
- Designing technical manuals using simple language

GRADUATE ASSISTANT
THE TECHNICAL UNIVERSITY OF KENYA

Assisting professors and departments with various administrative tasks.

- Teaching Information Technology units
- Organizing undergraduate events.
- Conducting various research experiments and analyzing data.
- Designing research methodologies or populating literature reviews.
- Undertaking various fieldwork research.
- Co-authoring research papers with their professors.
- Attending seminars and periodically lecturing classes.
- Assisting their professor with grading papers.
- Conducting building staff meetings.
- Assisting with the management of ceremonies and campus events.

WEB DEVELOPER
HAGANA AGRO PROCESSING COMPANY LTD
2020

- Creating front-end web layout/user interfaces through appealing visual design.
- Integrate data from various back-end services and databases
- Participating in the design and development of scalable software's that are responsive
- Gather and refine specifications and requirements based on technical needs.

IT SUPPORT INTERN AT THE TECHNICAL UNIVERSITY OF KENYA 2019/2020

- Data, networking and network troubleshooting and configurations.
- Hardware troubleshooting, repair and maintenance.
- Installs, deploys and configure database setups and software platforms.

CURRICULUM VITAE

- Installing and configuring appropriate software andfunctions according to specifications.

- Carry out vulnerability assessment of network, databasesand systems with various tools and personal knowledge.

- Prepare and manage correspondence, reports andother office documents.

- Monitor systems and applications for security issues andvulnerabilities and recommend remediation where possible.

- Participated in the implementation of ISO 9001:2015based on Quality Management Systems and ISO 27001:2013 on Data Security requirements

- Configuring security policies and rules on the security.

- Provide technical assistance, orientation and guidanceto users on how to operate new software and computer equipment.

- Provide administrative support

INDEPENDENT ELECTORAL AND BOUNDARIESCOMMISSION (I.E.B.C) 2017

- Worked with the Independent Electoral and BoundariesCommission as clerk during the 2017 General Elections.

PRE- PROFESSIONAL EXPERIENCE IN TEACHING

- Volunteered to trained teachers in the government ICTprograms implementations for the Standard One Pupils atMiwani Estate and Miwani Section III Primary School. (2017)

- Worked as a teacher at Miwani Section III Primary School and Miwani Estate Primary School in 2015 May toAugust and 2016 May to August respectively

PERSONAL SKILLS

- Excellent time management skills.

- Strong interpersonal and communication skills.

- Analytical with excellent problem-solving skills.

- High level of maturity and sense of responsibility.

- Ability to work in a team driven environment.

- Motivated and always willing to learn new things.

LEADERSHIP

- Served as the class representative at the

TechnicalUniversity of Kenya (2015-2019)

- Served as a Water Captain in Ramba Boys High School. (2013-2014)

CURRICULUM VITAE

• Has served as a Church Editor, Librarian and Publisher. (2014)

• Has successfully and satisfactorily completed a course on Leadership and Peer Counseling. (2013)

EXTRACURRICULAR ACTIVITIES

1. Athletics

CURRICULUM VITAE

REFEREES

1. MR JACKSON ALUNGA.

LECTURER.

THE TECHNICAL UNIVERSITY OF KENYA.

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2. MR. FINLEY MONYENYE GWARO.

DIRECTOR SUPPLY CHAIN OPERATIONS/ PROCUREMENT.

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3. MADAM MILDRED SWAILI.

TEACHER I.C.T.

RAMBA BOYS HIGH SCHOOL.

P.O.BOX 4-40602, NDORI.

TEL. 0724753315.

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