

# ERICK OCHIENG NYAGILO

BSc. Mathematics and Computer Science Student  
(Machine Learning Enthusiast)

Nairobi, Kenya   
erickochieng230@gmail.com   
+254792598285   
<https://github.com/ErickNyagilo>  
<https://www.linkedin.com/in/erick-nyagilo-9369a8155/>

## PROFESSIONAL PROFILE

An enthusiastic, dedicated and passionate mathematics and computer science student with basic knowledge of programming and computer applications. A well-presented team player, with excellent work ethics, a can-do attitude and strong commitment to meeting and surpassing set targets. Seeking an industrial internship position that will allow me to explore career options in the sector as well as expand my knowledge.

## KEY SKILLS



### General:

- Possess excellent verbal and written communication skills
- Quick learner and ability to work under pressure
- Possess good management and organizational skills
- Ability to work in a team and under pressure
- Good motivator, enthusiastic and open to learn new ideas
- Sound knowledge of recognising and analysing information problems
- Ability to handle multiple tasks

### Technical:

- Programming Languages: Java, C, C++, JavaScript, PHP
- Data analysis: R programming, Python
- Designing : Web (Adobe XD), Photoshop
- Networking: Packet Tracer
- Operating systems: Windows and LINUX
- Applications and database systems: Blender, Unity, MYSQL, MatLab, MS Office Suite
- Others: JUnit, HTML, CSS

## WORK EXPERIENCE

 **Kenya Metrological Department | Attaché**  
 Research and Development Division

May 2019 – August 2019

### KEY ACHIEVEMENTS AND RESPONSIBILITIES

- Using data integration techniques I was able to match different data frames.
- Conducted data organization, formatting and Quality control checks
- Updated Rainfall data on the database using CLIMSOF. Then verified the same rainfall data to ensure accuracy.
- Helped in compilation of reports.
- Performed data summary, presentation and storage.
- Performed data cleaning on rainfall data of the 39 stations by replacing the missing data (NA) using the medium of each set of data either column wise or row wise.

 IT Division

### KEY ACHIEVEMENTS AND RESPONSIBILITIES


- Participated and assisted in the organization of training of staff on ICT issues.
- Configured computer networks and systems.

- Conducted maintenance of an up-to-date inventory of software and hardware.
- Handled periodic maintenance of hardware and user support.
- Took telephone calls from users and attempt to assist them with their information technology questions and problems.
- Conducted electrical safety checks on computer equipment.
- Helped in website management and updating

---

## EDUCATION

---

 **BSc. Mathematics and Computer Science** | Jomo Kenyatta University of Agriculture and Technology Sep 2016 – Date

Notable Modules: Introduction to Computer Systems, Discrete Maths, Calculus I, II and III, Introduction to Computer Programming, Chemistry, Physics, Electronics, Data Structures and Algorithms, Computer Organization, Object Oriented Programming I (C++) and II (Java). Probability and Statistics I, II, III & IV, Accounts and Finance, Scientific Computing (MatLab), Operating System I & II, Theory of Estimation, Test of Hypothesis, Computer Graphics, Complex Analysis, System Programming (Linux Programming), Linear Algebra I & II, Vector Analysis, Database Systems, Internet Application Programming, General Economics, Classical Mechanics, Number Theory, Statistical Quality Control, Regression Modelling, Design and Analysis of Experiments, Simulation and Modelling, Partial Differential Equations

- Participated in MLH Local Hack Day

 **Ramba High School** 2012 – 2015  
KCSE A- (Minus)

---

## INTERESTS

---

Music | sports | current affairs | programming

**NB:** REFEREES AVAILABLE UPON REQUEST