Maria Otieno

SOFTWARE ENGINEER

Details

Flat 103E, Clifton House, 1
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United Kingdom
07547787291
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PLACE OF BIRTH

Nairobi

Links

Github

My Personal Website

Skills

Python Programming

C Programming

Analytical and Problem-Solving skills

Mathematical Skills

HTML/CSS/JavaScript

SQL

Fast Learner

MATLAB Programming

Embedded Systems

Leadership and Teamwork

Effective Time Management

Education

Mechatronics , University of Glasgow, Glasgow
SEPTEMBER 2017 — PRESENT

- **Team Projects**: Applied embedded processing skills to produce a heart-rate sensor. Applied problem-solving skills to debug the software issues that arose while programming a seven-segment LED display
- **Individual Project**: Applied software engineering principles and design techniques in the application development of a Computer Aided Manufacturing Software
- **Awards**: 1. Engineering Excellence List in 2nd Year, 2019 (Top 10% of the class)
      2. Engineering Excellence List in 1st Year,2018 (Top 10% of the class)

Certificate of Secondary Education, Riara Springs Academy, Nairobi
FEBRUARY 2012 — NOVEMBER 2015

- **Honours**: KCSE (National Examination with a 12-point grade system per subject. The highest attainable mark is 84).
- Score attained:**82 -**Math**(A)**, Physics**(A)**, Chemistry**(A)**, Geography**(A)-**, Kiswahili**(A)**, Biology**(A-)**, English**(A-)** .Computer Studies**(B+)**
- **Awards**: Awarded entry into Equity Leadership Program from KCSE performance

Employment History

Software Engineer (Virtual Intern), JPMorgan Chase, Glasgow
APRIL 2020 — JUNE 2020

- Developed an alternative way to visualize and analyze share price data for traders. Added stock monitoring functionality to their dashboard

Digital Relational Officer, Equity Bank, Nairobi
APRIL 2017 — AUGUST 2017

- Registered customers onto the new digital mobile banking line, Equitel
- Troubleshot issues that arose with the Equitel registration platform

Cleaner, Helpling, Glasgow
SEPTEMBER 2018 — DECEMBER 2020

- Developed a keen attention to detail and communication skills to ensure work done was satisfactory
- Required great time-management skills, ensuring work was done in a timely fashion

Extra-curricular activities

Connect Group Leader, C7 Church, Glasgow
MARCH 2020 — PRESENT

- In charge of organizing weekly Bible studies for my group
- Serving at church by assisting in organizational/hosting tasks

Mentor, Equity Leadership Program, Nairobi
JANUARY 2017 — AUGUST 2017

- Volunteered as a mentor to underprivileged primary school girls (in Karen C High School) advising them on excelling in academics and personal care

Courses

Introduction to Web Development, Code Girl First

2020 Complete Python Bootcamp: From Zero to Hero in Python, Udemy

MAY 2020 — SEPTEMBER 2020

The Complete SQL Bootcamp 2020: Go from Zero to Hero, Udemy

SEPTEMBER 2020 — PRESENT

Master the Coding Interview: Data Structures and Algorithms, Udemy

DECEMBER 2020 — PRESENT

Introduction to Data and SQL Programming, Code Girl First

APRIL 2021 — JUNE 2021

Internships

Web Development Recruit, Umuzi, Nairobi

JUNE 2021 — PRESENT

- Trained in building software and solving challenging problems that enhanced analytical and coding skills