

# Frankline Odero

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Nairobi, Kenya

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## CAREER OBJECTIVE

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Highly ambitious, energetic and dynamic computer technology specialist, skilled in leadership, with excellent interpersonal and communication skills, bundled with a strong foundation in math's, logic, and cross-platform coding (C++, Python, PHP and others). Seeking to leverage solid skills in teamwork, communication, and integrity for the success of any company in need of my expertise.

## EXPERIENCE

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### Freelancing

Nairobi

*Freelance Developer*

*Sep 2018 - Present*

- Created and implemented a working digital census platform, to demonstrate how effective and time conscious digital census is compared to the manual census operation.
- Worked on a Medical Tipper mobile application to educate users on ways of leaving a long healthy lifestyle, and on the current trends of diseases, built and maintained the server's SQL database.
- I designed and implemented a working door lock security system circuit that can be used to prevent burglary by applying digital password protection to doors and lockers.

### Information Communication Technology(ICT) Attaché

Industrial Area, Nairobi

*National Industrial Training Authority (NITA) Nairobi*

*May - Sep 2018*

- Daily diagnosis and maintenance of the workstations, plus ensuring an up-to-date inventory of software and hardware, whereby I'd solved over 100 issues in regards to the IT infrastructures!
- Network and router configurations and operating systems installation on the various end devices (smartphones, workstations) and intermediary devices (routers)
- Provision of ICT support to the office departments, plus Cyber Security support whereby I was tasked with the firewall system maintenance and its timely upgrades.

### Intel Deep Learning SDK Workshop participant

Kisumu

*Maseno University Siriba Campus*

*Sep – Nov 2017*

- Worked with a team on the Intel's optimized frameworks for deep Learning, to frame and solve problems both mathematically and within the business context.
- Gaining knowledge on some of the machine learning frameworks whereby I used them to build and deploy an artificial intelligent (AI) program capable of recognizing numbers in handwritings.
- Research and development of machine learning models for security problems, generally in the areas of networking, Application and Data Management.

## EDUCATION

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### Bachelors of Science Degree in Computer Technology

Kisumu

*Maseno University*

*Sep 2014 – Dec 2018*

- Second Class Upper Division

**Certificate in Information Technology**

Wantech Computer College

- Grade Attained: Distinction

**Nairobi**

*Mar – Sep 2014*

**Kenya Certificate of Secondary Education**

The Komarock High School

- Mean Grade B

**Nairobi**

*Feb 2010 – Nov 2013*

**Kenya Certificate of Primary Education**

Kayole Primary School

- Scored 327/500

**Nairobi**

*Jan 2002 – Nov 2009*

## SKILLS

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- I have 4+ years of experience in project work and freelance jobs
- I have strong leadership, excellent communication skills and a good teamwork coordination(collaboration)
- I am dynamic and passionate on whatever do, I pay close attention to details and I also have a good interpersonal skill.
- Excellent reporting and presentation skills and highly proficient with MS Excel, MS Access, PLM (product lifecycle management) software's.
- I can formulate logic structure and creative thinking in problem solving.
- Skilled in design(hardware and software), networking, statistics and programming
- I thrive under pressure and can work well in tight deadlines
- I am well versed with skills in both the software and hardware aspects of computing

## PROJECTS

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**Web Scraper and Data Visualizer**

- Designed and implemented a web scraper program with python and data science frameworks, which is capable of downloading an entire website servers' data, for offline use and also it can carry out automatic visualization on record data such as those in excels(xls) or csv files, generate tables and pie charts.

**Traffic Light Control System**

- Designed a four way traffic light monitoring system circuit with a microcontroller. It was basically a model simulating a real four way traffic light system that monitors and control traffic based on the vehicle density (number of vehicles).

**Creators Galaxy Game Project**

- In a team of four, we created a massive multiplayer computer and mobile game with C# and freely distributed it to our peers, who were really impressed with it. We covered and gained knowledge on diverse topics like artificial intelligence, animation, digital painting and sound editing.

## INTERESTS AND PASSION

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- I am primarily interested in artificial intelligence and machine learning.
- Come find me at the Google Development Group (GDG) and the Andela Hackathon
- I am a 'techno enthusiast' love keeping up to date on new technologies and software development and design trends
- I love following news and articles in rocket science and astronomy.
- I also enjoy making video games, 3D graphics and some small animations at my free time, I generally use Adobe suites and Autodesk.

## REFERENCES

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Mr. John Alwala  
**Chairman, Department of Computer Technology,**  
Maseno University  
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