

Frankline Odera

Computer Technology Specialist

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Portfolio <https://fsportfolio.000webhostapp.com>

Highly ambitious, energetic computer technology specialist skilled in leadership, with excellent research and time management skills and a strong foundation in math's, logic, and cross-platform coding. Seeking to leverage solid skills in collaboration, communication, and development plus using my knowledge and skills in Networking, Information System and Data Analysis to aid your company in meeting its milestones

Experience

**2018-09 -
Present**

Freelance Software Developer

- Created a working online Census website with PHP, JavaScript, HTML and CSS. Built and maintained a working database for the website.
- Created several mobile applications; a task reminder and an online medical tips Apps, also created a cross-platform game with unity.
- I designed and implemented a door lock security system circuit, using an embedded system and it worked efficiently.

**2018-05 -
2018-07**

Information Communication Technology(ICT) Attaché

National Industrial Training Authority (NITA) Nairobi

- Daily diagnosis, servicing and maintenance of the office computers
- Network and router configurations plus troubleshooting
- Operating systems installation on various end devices (smartphones, workstations) and intermediary devices (routers)

2017-09

Intel Deep Learning SDK Workshop participant

Maseno University Siriba Campus

- I learnt and got to see in action Intel's optimized frameworks for deep Learning
- Gained Knowledge on the working of an artificial Intelligence and also we were given remote access to Intel's servers to explore.
- I was introduced to professional tools used for AI development such as Anaconda distribution and other python libraries that I still use up to today in my projects.

Education

**2014-09-
2018-12**

Bachelors of Science Degree in Computer Technology

- Maseno University
- Second Class Upper Division

**2010-02-
2013-11**

Kenya Certificate of Secondary Education

- The Komarock HighSchool
- Scored Mean Grade B

**2002-01-
2009-11**

Kenya Certificate of Primary Education

- Kayole Primary School
- Scored 327/500

Skills

- I have 4+ years of experience in project work and freelance jobs
- Skilled in machine learning, statistics, data visualization, and programming
- I have strong leadership, excellent communication skills and good teamwork coordination(collaboration)
- I can formulate logic structure and creative thinking in problem solving
- 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
- I pay attention to details and also have a good manual dexterity

Projects

Web Scraper

- Designed and implemented a web scraper with python
- It is capable of downloading a whole website for offline use
- It can also mine particular data from a website and use it elsewhere

Image Recognition System

- Used python and machine learning to create an artificial Intelligence program
- Its capable of recognizing number pattern from an handwriting

Traffic Light Control System

- Designed a four way traffic light monitor system with a microcontroller
- It's basically a design of an automatic traffic light system that controls the traffic lights based on the density

Box Runner Game

- Designed a game with Unity's C# and blender
- Uploaded Game resources and codes on GitHub for free viewing

Imeds App

- Android application that guides people on current trends of diseases and cures in the world
- Advices people on how to live a long health lifestyle
- The App uses firebase messaging services and real time database to synchronize data from the servers

Interests and Passion

- I am primarily interested in artificial intelligence and machine learning.
- Come find me at the Google Development Group (GDG) and the Andela Hackthon
- 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.
- Regular contributor to Computer Science projects on GitHub

References

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