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Technical Skills

Languages: Python, Javascript, Java, C++, Matlab, Labview

Frameworks/Libraries: Pytorch, Tensorflow, numpy, OpenCV, Flask, Pandas, Android, Nodejs

Other: Git/GitHub, Fabric, beautifulsoup, Unix/Linux

Projects

Chownet - <https://github.com/AlSaturdaysLagos/Chownet-Data-Collection>

January 2018 - Ongoing

- A Local Food Recognition App
- Built a Data Collector Android App
- A community project (Presented at [Falling Walls Lab](#) finals)

Price Prediction based on features of a House - <http://www.vesper.ng>

April 2018

- Sourced various house data through web scraping
- Cleaned and built a predictive model using machine learning
- Created an API for exposing the functionality

Radio Shows Recommender Systems - <https://www.vibeeo.com/home>

April 2018

- Connected to the app's database through python
- Implemented recommendation using cosine similarity
- Designed architecture for integration on the platform.

Gtbank Sme MarketHub - <https://www.smemarkethub.com/>

December 2016 - may 2017

- Built Auction system during valentine festival period
- Built a Unified Cart System.

Simple Solar - <https://github.com/kantologist/Space-Hackathon>

April 2017

- Built a tool for evaluating the amount of solar energy from a solar panel by a machine learning algorithm based on NASA's weather data during NASA space apps challenge.

Emergency App - <https://github.com/kantologist/Emergent>

Ongoing

- An android app which is a platform for emergency response including features like emergency news, emergency contact, emergency report on map et.c

Python Training Web app - <https://kantologist.github.io/Tutorials>

Ongoing

- Built an angular 1.5 app for training GTbank's data analysis team

Relearn.ng-research-scrape -

October, 2016

<https://github.com/kantologist/relearn.ng-research-scrape>

- Scraped research information for relearn.ng, an educational start-up.

Django-to-do-web-app - <https://github.com/kantologist/django-to-do-web-app>

September, 2016

- Built a personal experimental site to learn writing tests, configuring nginx server on Linux, automating with fabric, hosting on digital ocean with a domain name et.c .

Afrismehub - <https://github.com/kantologist/afrismehub>

November 18, 2016

- Built an ecommerce site using django-oscar for a winsider fellow during microsoft hackathon organized in Lagos Nigeria.

Quad Cooker - <http://sine.ni.com/cs/app/doc/p/id/cs-16795>

November 2014

- A cooker that combines electrical, gas, kerosene and solar power for cooking

Boston Housing - https://github.com/kantologist/boston_housing

November 2016

- Predicted prices of houses based on a linear regression model
- Sci-kit learn, Pandas and Numpy Python libraries were used

Finding Donors - https://github.com/kantologist/finding_donors

November 2016

- Used Logistic regression to predict potential donors
- Sci-kit learn, Pandas and Numpy Python libraries were used

Customer Segment - https://github.com/kantologist/customer_segments

November 2016

- Used K Means clustering algorithm to segment customers
- Sci-kit learn, Pandas and Numpy Python libraries were used

Smart Cab - <https://github.com/kantologist/smartcab>

November 2016

- Used Q learning algorithm to teach a smart cab to drive
- Pandas and Numpy Python libraries were used

Work Experience

DataSystems Rwanda - *Software Developer*

Kigali, Rwanda | September 2017 - March 2018

- Built a SAP checkout manager plugin with Java
- Integrated MIGS payment gateway on a nodejs e-commerce web app
- Contributed to an e-learning platform called Eshuri

Sweskills Academy - *Training Facilitator/Lead Developer*

Lagos, Nigeria | June 2017 - June 2018

- Facilitated students' software engineering training.
- Lead students on a real project for a client using agile development.

Traclist - *Software developer*

Lagos, Nigeria | Dec 2016- May 2017

- Building web app for smes using Flask (A python web framework)
- Optimizing sme web app with angular js, webpack etc.

Hutbay Limited - *Software developer*

Lagos, Nigeria | July 2016-November 2016

- Scraped data for research purposes
- Built API with django and django rest framework
- Configured Nginx server on linux, database management, SMTP and FTP

Living Green Charity Initiatives - *Assistant Computer Instructor*

Lagos, Nigeria | March 2014-July 2015

- Assisted the computer instructor in organizing classes.
- Trained students on our to use Microsoft word processing packages.

Education and Certifications

Carnegie Mellon University Africa - *Elect/Comp Engineering, M.Sc.*

December 2019

Coursera - *Practical Reinforcement Learning*

August 2018

Udacity - *Mobile Web Specialist Nanodegree*

August 2018

Udacity - *Android Developer Nanodegree*

December 2017

Udacity - *Android Basics Nanodegree*

July 2016

Pre-Symposium School on Algebra and Ramifications, Analysis on Manifolds, Theoretical Physics and Financial Mathematics for Advanced Postgraduate Students and Young Researchers organized by the African Academy of sciences (AAS)/ African Mathematical Union (AMU) at Abuja, Nigeria.

May, 2016

University of Ibadan - *Mechanical Engineering, B.Sc.*

March 2015

Honors and Activities

- Kigali Ambassador, AI Saturdays Kigali(<https://twitter.com/AISaturdaysKG>) August 2018
- Lagos Ambassador, AI saturday Lagos(<https://nurture.ai/ai-saturdays>, <https://twitter.com/AISaturdayLagos>) January 2018
- Mentor/Facilitator, Data Science Nigeria(<http://www.datasciencenigeria.org>) January 2017
- Co-organizer Pydata Lagos(<https://www.meetup.com/PyData-Lagos/>) January 2017
- Lagos winner NASA space apps challenge May 2017
- First Prize Interswitch API Jam. Lagos, Nigeria. October 2016
- Engineering impact award by National Instrument, Austin,Texas August 2015
- Winner, Interdepartmental Paper Contest December 2014
- 3rd Place Prize Unified Tertiary Exhibition and Conference, December 2014

- Awarded Effico (meaning Bookworm) of the year by the Association of Mechanical Engineering student (AMES),

November 2014