

(+351) 920 039 390
mwaik@outlook.com
mw4i.com

Mwai Karimi

SKILLS

Python, Django, HTML5, CSS, Git, Javascript, SQL, MongoDB, Docker, Chartio, Tableau, Photoshop, Illustrator

EXPERIENCE

Kyero, Bristol, UK – *Graduate Data Analysis Engineer*

July 2017 – December 2017

- Performed data wrangling and scraping with Python
- Helped develop machine learning algorithms to predict house prices, customer preferences and consumer trends.
- Developed dashboard reports on Chartio and Tableau
- Analysed data by writing complex MySQL and Postgresql queries.
- Analysed and examined data using aggregation pipelines in MongoDB
- Worked with Google Analytics and Campaign monitor APIs to query data, build reports and understand customer behaviour.

SSGC, Swindon, UK – *Junior Software Developer*

Feb 2016 – August 2016

- Maintained existing web applications and codebase in PHP & Javascript
- Performing database queries on SQL Server
- Helped build and redesign the prototype of an Android mobile app

Urban Kreative, Nairobi, KE – *Web Developer*

September 2013 – December 2014

- Helped craft new and maintain existing websites for clients. Worked with PHP, HTML5, CSS & Javascript
- Helped develop an e-learning platform (EnezaElimu) aimed at revolutionising Kenya's education system.

Fresh Ideas, Nairobi, KE – *S.E.O Analyst*

April 2013 – December 2014

- I performed keyword research to optimize existing content.
- Executed strategies for content development

- Administered search engine programs (XML sitemaps, feeds, webmaster tools) for purposes of diagnostic reporting

Live Unchained, Washington DC, US – S.E.O Intern

May 2012 – December 2012

- I managed and developed campaigns for Facebook, Twitter & Tumblr
- Helped set up RSS readers to monitor social media activities around similar media, arts initiatives and women organisations.

EDUCATION

The Algarve University, Faro, PT – Msc. Informatics Engineering

February 2015 – August 2018

Core subjects: neural networks and machine learning, computer evolution, advanced software engineering, image processing and systems programming.

Daystar University, Nairobi, KE – Bcom. Management Infor. Systems

May 2009 – June 2013

Graduated with upper second class honours (66.75%).

Core subjects: System analysis and design, software engineering, data structures and algorithms.

TALKS and PROJECTS

I was one of the first recipients of the [MongoDB Diversity Scholarship](#)

Active member of [Faro Dev Day](#). Gave a [talk](#) on it's premier.

[AlterConf Berlin](#) – my talk on 'How Accessibility in Mobile Devices has Changed Lives in Sub-saharan Africa'

[DISC New York](#) – NumFocus/PyData Unconference with projects focussed on inclusivity in the data science community and data science ethics

[Github.com/Kmwai](#) – repository with some of my personal projects

PERSONAL

I enjoy travelling, history, music, space technology, engineering marvels and cooking. Passionate about women empowerment, diversity in tech and issues homologous with race and equality.