SHEM MUTHANGA

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www.linkedin.com/in/shem-muthanga - LinkedIn
muthangashem.github.io/Portfolio/ -Portfolio
www.github.com/muthangashem -Github

PERSONAL STATEMENT

A motivated, adaptable, and dependable GIS graduate and full stack with impeccable systems mindset, seeking a position as a Full Stack Engineer. I have a strong methodological, detail-oriented approach to work and a strong drive to see projects through to completion.

Highlighted Software Applications

SakaForm
Url: https://github.com/MuthangaShem/saka_form
A web app built with Django 1.11 that allows users to view and search for social events happening around them as well as advertise and sell tickets to an event

LindaHood
Url: http://kariuki.pythonanywhere.com/
Linda Hood is a neighbourhood management system built with Django that helps hood members have a central system for keeping track of news, businesses and all relevant issues pertaining to a particular neighbourhood

Github Search
Url: https://muthangashem.github.io/Github-search/
Angular 4 application that helps one search for github users. I interacted with APIs during this personal project, Github API.

Gram
Url: http://muthanga.pythonanywhere.com/
Personal project that had me clone popular social network site, Instagram.

Technical Skills

Strong: Python, Javascript, ES6, HTML5, CSS3, Django, Flask, Angular 5, Git

Experienced: jQuery

Personal Skills

- Great communications skills and ability to pitch ideas articulately
- A keen eye for detail and fine tuning.
- Dynamically work in a team as well as comfortable working with minimal supervision

Employment History

Assistant Researcher and GIS technician,
National Crime Research Center, Nairobi.
Feb 2017- Jan 2018
Achievements and responsibilities
- Created and managed a GIS database
- Developed web-based GIS application to visual research data
- Formulate Research Proposals
- Took part in 2 countrywide researches that included data collection, data entry, data analysis and report compilation

GIS intern,
Kenya Forestry Research Institute, Muguga.
May - August 2016
Achievements and responsibilities
- Develop enhance and maintain a spatial database
- Surveying and mapping protected and gazetted forests

Academic Qualifications

Moringa School
February 2018 - June 2018
Software Engineering Immersive, Full Stack Development

Technical University of Kenya
May 2011 - December 2016
Bachelor of Applied Science: GeoInformatics

Utumishi Academy
2006 - 2011
Kenya Certificate of Secondary Education

Interests

Languages: English(expert), French(intermediate), Dutch(beginner) and 5 more local languages
Games: Chess(Kiambu Chess Tournament 2015 2nd Runners Up)
Reading: Read at least 3 books a month

References

Stephen Muteti	Dr. S. O. Ayugi	Stephen Kiama
Senior Researcher	Chairman, Department of	Head, Department of GIS,
National Crime Research	GeoInformation and Earth	KEFRI
Center	Observation	Tel. 0714048573
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