MWANGE CARLVIN JERRY

I am a BSc. Financial Engineering graduate with a specialization in quantitative analysis and data science. I am a quick learner,open minded and curious to engage in new ideas with challenges and efficient problem-solving tasks. I enjoy working environments that push my skills to the limit, motivated by quality results. I am cooperative, I have good problem solving skills, a team player, eager to learn and good at taking direction.Excellent verbal and communication skills as well as interpersonal skills.

🎓 EDUCATION

2017 | 2013

B.S., Financial Engineering
Jomo Kenyatta University Of Agriculture And Technology
📍 Nairobi, KE

· Project: Comparison between constructing an options hedge and a hedge on futures.

2012 | 2009

Kenya Certificate Of Secondary Education
Booker Academy
📍 Mumias KE

💼 INDUSTRY EXPERIENCE

Current | 2018

Quantitative Analyst
Innova Limited
📍 Nairobi, KE

· Research and implementation of financial markets analysis models.
· Building,developing and testing financial models used to analyze financial investments data in different markets across Africa
· Research and implementation of machine learning techniques in the financial domain.
· Predictive modelling in finance. Work primarily done in R, Python, Julia and F# for the .Net framework integration.

2017 | 2016

Mathematical Engineering Intern
Innova Limited
📍 Nairobi, KE

· Performed analytical research in data manipulation and visualization.
· Research in financial models and development of financial models in R statistical language.
· Built internal tool to help the company store, analyse and visualize Uber usage transactions for its employees.
· Predictive modelling research. Work primarily done in R, SQL and Microsoft Office.

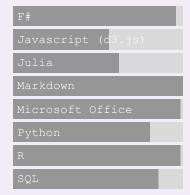## CONTACT INFO

✉ carlvinjerry@gmail.com

 GitHub: @CarlvinJerry

in LinkedIn

📱 +254 704942588

🏠 Carlvin || Beyond Raw Data

For more information, kindly contact me via email.

LANGUAGE SKILLS

Skill
F#
Javascript (d3.js)
Julia
Markdown
Microsoft Office
Python
R
SQL

I have worked in a variety of roles mainly revolving research & development and data science. I like collaborative environments where I can learn from my peers. Capable of working well both individually as well as in groups with minimum or no supervision and follow through assignments.

📈 SELECTED DATA SCIENCE WRITING

Current
|
2019

Personal blog articles based on data science research topics and practices
Beyond Raw Data Blog
· This is my personal blog where I get to showcase some of my projects and research findings in data scince.

2019
|
2019

Digital Nudging, using Twitter data to solve a nudge case scenario
Beyond Raw Data Blog
· A case study and write up on the resulting solution I came up with during a hackathon hosted by Safaricom PLC on applying nudge theory to extract information from social media users online.
· Coded in R and Pyhton.

☷ SELECTED PROJECTS

My Data Science projects
Projects
· Documentation of personal projects and findings on data analysis, visualization and machine learning.
· Work primarily done in R Shiny, Python, F# and Azure.

🏆 HONORS & AWARDS

Current
|
2019

The Capital Markets Authority Regulatory Sandbox
CMA Regulatory Sandbox
· Participation in developing a cloud based platform for financial markets data analysis and reporting.
· Product of Innova Limited

2019
|
2019

Data Science hakathon by Safaricom Alpha
Strathmore University, KE
· Finalist, Digital Nudging on Twitter data competition

2019
|
2019

Microsoft Azure Machine Learning Certificate
LGIT Smart Solutions
· Certificate of completion of the Microsoft Azure Machine Learning course.
· Work done in Microsft Azure and Python

I regularly blog on data science and visualization on my personal website.

👥 REFEREES

George Mbuthia Ndungu,
Software Engineer,
Microsoft EA, Kenya,
Tel: +254 710 773 556,
Email: v-gendun@microsoft.com

Michael Kaboro Maina,
Engineering Team Lead,
Innova Limited Kenya,
Tel: +254 721 205 226,
Email: michael.kaboro@gmail.com