# CONTACT

BLOCKCHAIN DEVELOPER AND QUANT

MOKUA OMAE OBARE

omaerobert158@gmail.com

+254 717150549

KISII, KENYA 

[LinkedIn](http://linkedin.com/)

# EDUCATION

B.S.

Computer Science University of Masinde Muliro of science and technology

September 2019 – to date

Kakamega, Kenya

# SKILLS

Programming: Python, C, C++, Java script, java, solidity ,rust

Smart contract development: Solidity(ethersjs, web3.js,web3.py, web3UI kit @moralis)

Modeling: Logistic regression, linear regression, decision trees

Databases: Nosql, Moralis, MySQL

Algorithmic trading programming: python libraries (pandas TA, Talib and Ta)

# WORK EXPERIENCE

## Algorithmic Trader

Open Cipher

Project: Cryptocurrency price tracker and decision-making assistant

February 2023 - current / Kakamega, KE

Used python to scrap data for the top 100 cryptocurrencies and used the anaconda IDE for development.

Used the nasdaq datalink API to fetch real-time data for bitcoin that was fed to an investing strategy.

Used the streamlit framework to build an interactive user interface.

## Lead Blockchain Developer

Open Cipher

Project: Cryptocurrency price aggregator (DEX)

August 2022 - December 2022/ Kakamega, KE

Used the web3UI kit from moralis to build the frontend

Utilized the 1inch moralis plugin to enable the swap function of tokens

Added more functionalities to my Dapp using the moralis cloud functions

## Lead Blockchain Developer

Open Cipher

## Project: Decentralized video streaming platform

June 2022 - July 2022 / Kakamega, KE

Used the web3UI kit from moralis to build the frontend

Uploaded the content creators videos to IPFS(interplanetary file system)storage

Added more functionalities to my Dapp using the moralis cloud functions

## Lead Blockchain Developer

Open Cipher

## Project: Decentralized music platform

May 2022 - June 2022 / Kakamega, KE

* Used the web3UI kit from moralis to build the frontend
* Uploaded the content creators music to IPFS (interplanetary file system) storage
* Added more functionalities to my Dapp using the moralis cloud functions
* Used open zeppelin templates to write code for ERC 721 and ERC 1155 NFTs albums