

CHIKA JINANWA

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EDUCATION

Minerva Schools at KGI

Bachelors of Science, Double Major in Computer Science and Natural Sciences

San Francisco, CA

Expected 2023

Honors: Gold Medalist National Biology and Physics Olympiads, Minerva '23 Olympiad Scholar

Citations for Academic Excellence: 2015 Best Science Student in Nigeria- National Mathematical Center Abuja

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, R, HTML5, CSS3

Libraries & Frameworks: Django, Flask, Node.js, React, Express, Bootstrap 4, Pandas, Matplotlib, Numpy, Scipy

Databases & Tools: PostgreSQL, MongoDB, Git, psycopg2, VisualStudio

PROJECTS

MERN SOCIAL- (MongoDb, Express, React, Node.js App): [Live](#) , [Github](#)

- Built and deployed a social media app where users can like, comment and post content.
- Managed a Mongo database for posts, comments, photos, and the 30 + users.
- Implemented CRUD APIs and authentications with Express-JWT and Node.js backend
- Designed and implemented the frontend with React and MaterialUI.

CHIKA'S CIPHER-(Django, PostgreSQL, HTML5, CSS3, Bootstrap 4 App): [Live](#), [Github](#)

- Built and deployed a Django app that allows users to encrypt messages, play a word decipher game and get ranked on a leaderboard based on their highscores from the game.
- Implemented User CRUD, , Authentications and automated emails with Django authentication and email backends.
- Managed a PostgreSQL database for 40+ user profiles, scores, question list and contact information.
- Coded and tested Caesar Cipher, Atbash Cipher, Vigenere Cipher, Reverse Cipher, NATO Code, and Morse Code algorithms for encrypting and decrypting messages.
- Designed and implemented the frontend with HTML5,CSS3, Bootstrap4 and Memcached for caching.

MS-365 AUTOMATOR- (Python pywin32 App) [Github](#)

- Coded a collection of Python Scripts to automate common tasks in Microsoft Office 365 suite such as automating generating a PowerPoint Presentation from a text file.
- Tasks supported are: automated PowerPoint Presentation, automated APA style formatting for Word, automated mail generation with Outlook, automated Excel file processing.
- Only supports Windows Operating System

STOCK-PRICE TO PERSPECTIVE VISUALIZER- (React, TypeScript, Python App) [Github](#)

- Built a React/TypeScript app that retrieves stock data, processes it, and plots the graph using JP Morgan's Perspective.
- Implemented a trigger alert functionality to alert traders when stock ratios exceed historical bounds.

WORK EXPERIENCE

WHATSBUSY

Full Stack Engineering Intern

Remote, US

04/2020- 08/2020

- Refactored Code by removing redundant code related to obsolete models.
- Fixed CRUD bug where deleted users could still login.
- Worked with Django, Bootstrap4, and PostgreSQL

MINERVA SCHOOLS AT KGI

CS50/CS51 Teaching Assistant

09/2019- 03/2020

- Taught college students programming and data analysis with Python
- Implemented UnitTests to automate grading student code submissions.

LEADERSHIP & ADDITIONAL ACTIVITIES

- Member of Microsoft Council for Digital Good in Africa and the Middle East
- Top 2% (Peak Elo Rating 2171) of Rapid Chess Players on Lichess.org [Profile](#)

11/2018 - 12/2019

Present