

CHIKA JINANWA

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EDUCATION

Minerva Schools at KGI

San Francisco, CA

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

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, Memcached, 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 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 & 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 automatically generating a PowerPoint Presentation from a text file, automated APA style formatting, automated mail generation with Outlook, and automated Excel file processing.

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

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

WORK EXPERIENCE

WHATSBUSY

Full Stack Engineering Intern

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, HTML5, CSS3, Bootstrap4, and PostgreSQL.
- Worked in a team of 3 using agile development methodologies.

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 11/2018 - 12/2019
- Top 1.3% (Peak Elo Rating 2171) of Rapid Chess Players on Lichess.org [Profile](#) Present