Temitayo Ojo

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SKILLS

Technical: Java, Python, JavaScript, HTML, CSS, Bootstrap, ReactJS, Git, Github, Visual Studio, IntelliJ

Interest: Listening to Music, Gaming, Typing, Research/Topical blogs

Language: English(Native), Yoruba(Native)

EDUCATION

B.A. Computer Science
Dartmouth College   09/2021 - 2025

EXPERIENCE

Teacher Assistant   Newark,NJ
NJIT Talent Search   06/2022 - 08/2022

The NJIT Talent Search is a federally funded educational program offered to students in order to provide them with skills and motivation needed to achieve academic success.

· Facilitated classroom instructions to assist students with comprehending classroom work
· Provided tutorial assistance in assigned study hall, and assisted program counselors with planning and evaluation of tutorial services

PROJECTS

Huffman Encoder   04/2022 - 06/2022
Coursework: Semester long project

· Fully completed and implemented the Huffman Algorithm which encrypts a file and can also be used to decrypt as each character in the Huffman tree are mapped with their respective code words
· Constructed a Binary Tree using a Priority-Queue and a Map as the algorithm required to store two values and tree node as only one data
· Used Java and several Data Structures and file i/o, all to help save the bits

Web Scraper   08/2022 - 09/2022
Personal Project

· Build a program that scrapes an online bookstore website and automatically creates a list of all the books depending on the specified ratings and price
· Automated the program to scrape continuously after a specified time limit
· Used Python's Beautiful Soup and Request libraries to pull out data from the website's markup code and present it in a readable format

Collaborative Client-Server Editor   04/2022 - 06/2022
Coursework: Semester long project

· Build an editor - similar to Google Doc's ability to have multiple simultaneous editors of the same document
· Implemented multi-threaded servers which clients can connect to
· Established message protocols between client/server and ensuring that they all maintain and modify shared view
· Used Java and Java.NET low level API implementation which involves Sockets, Addresses and Interfaces

Portfolio Website   07/2022 - 08/2022
Personal Project

· Created a website out curiosity to learn React.js and used it to showcase my portfolio
· Used React.js and Tailwind CSS framework & deployed on Netlify

Game 'SPACE INVASION'   08/2022 - 09/2022
Personal Project

· Programmed a Game using Python's Pygame library
· Implemented event-handlers, collisions, effects and characters

CERTIFICATION

Python for Data Science, AI and Development
Coursera, 2022