Ajibola Onaopemipo

Fullstack Web Developer

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PROJECTS

Deobfuskate

A web app for "decrypting" minified / obfuscated javascript source files. It performs a bunch of operations to make the obfuscated code readable. It can be useful for reverse engineering.
- Source code beautifier / syntax highlighter.
- Variable Renaming.
- Eval, Array Unpacking.
- Proxy function removal.
- Expression Simplification.

WhoProduced

WhoProduced is a website and app database of producer credits. Uses the Genius api to retrieve producer credits. Uses the spotify api to fetch information about songs, artistes, and albums.

Minimal React Template

A free, clean and minimalist template for building react apps that can kickstart development. Uses yarn for package management, parcel for bundling, and react boostrap for UI.

Light-Chess

A lightweight chess app written from purely in react. it uses no external dependencies, and does all move generation and validation itself

Friedfish

A fast chess engine written in Nim. It uses bitboards for board representation, and chess algorithms like negamax for search

ComicvineAPI

An unofficial API for the comicvine forum

WORK EXPERIENCE

Math Tutor   2018 — 2019
Gilgal Education

Guided students in their preparation for the SAT exam. Helped develop lecture notes, tutorials, and tests which helped build thier fundementals

Data Analysis   2022 — 2022
New Nigeria Foundation

I proccessed questionnaire results from up to 5 different communities, along with contact lists for webinars I worked mainly with the Statistical Package for the Social Sciences (SPSS) for data management and gained experience with programs and methods used for statistical analysis in social sciences
- Proccessed more than 200 questionnaire results in a week.
- Proccessed the details of 128 people from different public and private agricultural sectors for a webinar.

EDUCATION

BSc, Engineering   2017 — 2023
University of Lagos

Bachelor's degree in Mechanical Engineering.

SKILLS

Programming Languages – Python, Javascript, Typescript, C#, Nim, C/C++, MATLAB, Mathematica

Frontend, Backend & Databases – Nextjs, .Net Core, React, Express, Node, MongoDB, Postgres, Bootstrap, Redux, Appollo, HTML, CSS, REST, GraphQL, Flask

Development Environments – Vim, Visual Studio Code, Jetbrains Ridr, NPM, Yarn, Babel, Webpack

Operating System – Linux, Ricing, Virtual Machines, Command-line tools

Others – Unit testing (jest, xUnit, nUnit), Version Control (git), Algorithms/Data structures, CI/CD, Networking, Art/Design, Hacking/CTFs, Creative problem solving skills

CERTIFICATES

- University of Helsinki FullstackOpen Fullstack
- University of Helsinki FullstackOpen GraphQl
- University of Helsinki FullstackOpen TypeScript
- University of Helsinki FullstackOpen Docker
- University of Helsinki FullstackOpen CI/CD
- HackerRank React (Basic)
- HackerRank Python (Basic)
- HackerRank JavaScript (Basic)
- HackerRank C# (Basic)
- HackerRank Problem Solving (Basic)
- HackerRank Rest API (Intermediate)