Syed Mohammad Huzaif

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github.com/syedhuzaif199

Education

University of Kashmir Jammu and Kashmir, IN
Full-time Bachelor of Technology in Computer Science and Engineering Nov 2020 - Oct 2024
GPA: 8.41

Sri Pratap Higher Secondary School Jammu and Kashmir, IN
Degree in Senior Secondary Nov 2017 - Dec 2019
Percentage: 78.2%

JK Public School Jammu and Kashmir, IN
Degree in Secondary Completed - Oct 2017
Percentage: 82.6%

Skills

Languages: Python, C, Java, Javascript, HTML, CSS, PHP, Laravel, Shell scripting
Tools / Platforms: Git, GitHub, Linux

Projects / Open-Source

Automata Weaver | Link *JavaScript, HTML, CSS*
- An open source online graphical simulator for Finite automata, Pushdown automata and Turing machines.
- Minimize DFAs, convert from NFA to DFA, or generate DFA/NFA from regular expressions

Physics Simulator | Link *Java*
A 2D physics simulator in Java

Data Compression Tool | Link *C*
A tool for compressing data files using Huffman coding and Lempel-Ziv-Welch algorithm.

nn-c | Link *C*
A small neural networks builder made using C and raylib

Category Tree Renderer | Link *Python*
A small program in Python that creates a random category tree and renders it using graphViz

Shopper E-commerce Website | Link *PHP, Laravel, SQLite*
A mock e-commerce platform written in PHP using the Laravel framework and SQLite.

Snake Game | Link *Java*
The classic snake game in Java with MongoDB connectivity for high-scores.

Minesweeper in python | Link *Python*
Classic minesweeper game with a dark theme

Play with Spirographs | Link *JavaScript, HTML, CSS*
A simple simulator for animating spirographs written in HTML, CSS and Javascript.

Conway's Game of Life | Link *JavaScript, HTML, CSS*
A web-based simulator for Conway's game of life using HTML, CSS, and Javascript

Image filters visualizer | Link *JavaScript, HTML, CSS*
A web app for visualizing how image filters work.