Joshua Fried

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Josh-Fried.github.io

Education

Montana State University, Bozeman, MT   2019 - Present

Bachelor of Science - Computer Science Professional

Expected Graduation Fall 2023

GPA 3.79

Technical Skills

Languages: Python, Java, SQL, Javascript, HTML, CSS
Technologies: Git, Linux, Unity, React, React Native

Projects

Catscript Compiler   May 2023
- Developed a Catscript Compiler in Java, using tokenization, parsing, evaluation, and bytecode to successfully translate Catscript into bytecode.

Sudoku Solver   September 2023
- Developed a high-performance Sudoku solver in Java, implementing a variety of strategies to solve any Sudoku puzzle in under a second.

Wordscapes Solver   September 2022
- Engineered a Wordscapes solver using efficient combinations algorithms to achieve sub-second word discovery from a set of letters in Go.

Triathlon Apparel App   April 2023
- Created a mobile app using React Native that enhances the triathlon experience through gamification, challenges, point systems, and rewards.

Atomic Tic Tac Toe   September 2023
- Crafted an Atomic Tic Tac Toe game using React, showcasing a keen understanding of frontend development and strong problem-solving and logic skills in implementing game mechanics.

Wordle   May 2022
- Developed a Wordle game in Python using Pygame, showcasing proficiency in game development.

Network Simulation   November 2022
- Designed and built a Python program for simulating packet transmission in a network environment.

Healthcare Management App Prototype   November 2022
- Designed a comprehensive Healthcare Management App Prototype with user-friendly and visually appealing healthcare interfaces, emphasizing usability and user experience expertise.using AdobeXD.