

# Joshua Fried

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Josh-Fried.github.io

## Education

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**Montana State University, Bozeman, MT**

2019 - 2023

Bachelor of Science - Computer Science Professional

GPA 3.79

## Technical Skills

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**Languages:** Python, Java, SQL, Javascript, HTML, CSS

**Technologies:** Git, Linux, Unity, React, React Native

## Experience

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**Rocky Mountain Hardscapes, Great Falls, MT**

2023

*Website Manager*

- Revitalized an outdated website through strategic collaboration, implementing a systematic plan for modernization.

**Dragonfly Dry Goods, Great Falls, MT**

2019 - 2023

*Inventory Management Specialist*

- Maintained and organized inventory and processed changes to reduce process lags.
- Website maintenance and improvement.

## Projects

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**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.

**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.