

# Joshua Fried

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Josh-Fried.github.io

## Education

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**Montana State University, Bozeman, MT**

2019 - Present

**Bachelor of Science** - Computer Science Professional

*Expected Graduation Fall 2023*

GPA 3.79

## Technical Skills

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

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

## Projects

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### 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.