

JOSEPH FRAZIER

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EDUCATION

Washington University *St. Louis, MO*
Bachelors of Science in Computer Science
GPA 3.67

May 2021

Nebraska Wesleyan University *Lincoln, NE*
Bachelors of Science in Physics
Minor in Mathematics
GPA 3.89

August 2017 - May 2019

WORK EXPERIENCE

Freelance Software Developer May 2020 - Present

- Worked alongside a Belgium based developer to transform a production desktop application from an inconsistent, developer's worst nightmare to a pragmatic, walk in the park. My work included rewriting the entire user interface utilizing: Electron, Typescript, React, Redux, Bootstrap and SASS. Company Website: <https://www.ignitebot.io>

PROJECTS

Rubik's Cube GUI and Solver Spring 2020

- This was a final project for *Programming Tools and Techniques* where myself and two others created a Rubik's Cube GUI where users can interact with a virtual Rubik's Cube, scramble the cube and click a button to solve the cube using an altered version of the Min 2 Phase Algorithm. My contributions included a terminal based GUI, implementing the solving algorithm and a portion of the main GUI. This project was focused on following best practices including writing clean code(as specified in the book Clean Code), maintaining a kanban board and making good use of Git. View the project at <https://github.com/frazierjoe/RubiksCube>

EXTRA-CURRICULAR ACTIVITIES

Member of Washington University b34r5hell CTF Team *(2020-Present)*

President of Nebraska Wesleyan University Society of Physics Students *(2018-2019)*

Physics Tutor *(Fall 2018)*

View More At: <https://github.com/frazierjoe>