Jagger Harris

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SKILLS

Proficient Languages : Java, C++11, C11, JavaScript   **Familiar Languages** : Solidity, Python, Rust

Tools : Git, Bash, Gradle, Maven, Make, CMake   **Environments and Libraries** : Windows, Linux, OpenGL, NodeJS

PROJECTS

Decentralized App   GitHub

- Created the frontend for a decentralized app in the University Decentralized Autonomous Organization
- Implemented the frontend using **React** and contributed to the backend using **JavaScript**
- Cooperated with 3 other developers during developement, proposing ideas and suggestions along the way

C OpenGL Program   GitHub

- Applied the graphics programming library OpenGL using **C11** to draw cubes and other shapes in a program
- Learned matrices, vectors, quaternions, and other linear algebraic techniques
- Created my own **linear algebra library** in C11, implementing matrices and quaternions

Online Geopolitical Simulator   GitHub

- Created a geopolitical simulator which simulates various countries using **JavaScript** with P5.js
- Collected numerous amounts of data for the inner workings of the simulation
- Worked with multiple **algorithms** to develop the simulator in order to make it run faster on low-end hardware

EDUCATION

Truman State University   May 2023
Bachelor of Science in Computer Science   Kirksville, MO

- **Coursework**: OOP and Design, Data Structures, Algorithm Analysis
- **Awards and Honors**: Truman President's Honorary Scholarship, Transfer Recognition Scholarship

Moberly Area Community College   Jul. 2020
Associates of Arts in General Studies   Moberly, MO

- **Coursework**: Public Speaking, Calculus and Trigonometry
- **Awards and Honors**: Missouri A+ Scholarship, President's List

EXTRACURRICULARS

Association for Computing Machinery

- Collaborated with fellow members with various projects including research on blockchains
- Participated in surveys and meetings to decide current and future endeavours for the organization

University Decentralized Autonomous Organization

- **Founded** an organization which promotes decentralization using a DAO, educating members along the way
- Developed an in-house DAO application from scratch using **NodeJS**, **Hardhat**, **Solidity**, and **React**

WORK EXPERIENCE

Walmart   Jun. 2019 – Dec. 2019
Self Checkout Host   Mexico, MO

- Interacted with numerous customers on a daily basis and answered any questions regarding the self checkout process
- Assisted customers with any problems regarding the self checkout machines and machine software
- Handled machine software and reported any bugs relating to said software to employer management