

Joel Hilliard

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Education

BACHELORS | MAY 2023 | UNIVERSITY OF MISSOURI-COLUMBIA

- Computer Science: 3.3 GPA
- Minor in Math

Experience

SOFTWARE ENGINEER | CONSENSUS TAX | AUG 2021 - SEPT 2022

- Worked in a small, fast paced team to develop an automated tax software for the Ethereum network.
- Used a database to index previous users' data to speed up our load-time by 25%.
- Developed a high-performance backend using Flask and Python, enabling seamless integration with frontend systems and efficient data processing.

RESEARCH | UNIVERSITY OF MISSOURI | JAN 2023 - MAY 2023 | COVLAB.XYZ

- Contributed to a research project that involved creating a web application for displaying COVID-19 data visualizations.
- Developed the frontend using Angular and worked on the backend to integrate data sources.
- Designed and implemented interactive charts and graphs to help users better understand COVID-19 trends.

PROJECTS

ETHFEES | ETHFEES.XYZ

- A React web-app where frequent users of the Ethereum network would come to find out how much they have spent on network fees. These users could take this info to reduce their tax implications.
- The web-app utilizes a Python back-end to speed up load time using caching and update the users' database entry automatically.

NESSIE PORTFOLIO APP | NSSY.XYZ

- Developed a user-friendly portfolio tracking app using Angular Material. Designed and implemented a Node.js API to serve price data.
- A worker periodically fetches the price of each asset and pushes latest data to a MongoDB, where the API draws from.

Skills

REACT | C | JAVA | PYTHON | SWIFT | SQL | ANGULAR | NODE