Michael Carroll

Software Engineer

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Website - https://michaelc1999.github.io/MCarroll-Website/
GitHub Repos - https://github.com/MichaelC1999

My Stack

JavaScript, Solidity, Web3, React.js, Ethers.js, Node.js, Express.js, Python, Hardhat, Graph Protocol, MongoDB, GraphQL, IPFS, MySQL, jQuery, Linux, Subgraphs

Professional Experience - 2 Years

Messari 2/2022 - 5/2023 (Remote)

- Frontend development for apps querying Graph Protocol subgraphs
- Built and maintained subgraphs.xyz using React.js and GraphQL
- Developed python data apps and contributed to Messari python libraries

Quicksilver Systems Inc 5/2021 - 12/2021 (Bradenton, FL, USA)

- Contracted to help update older systems from Delphi to JavaScript.
- Built customized insurance management systems per client needs.
- EJS, Node.js, Sails.js, MySql.

Highlighted Repos

Subgraphs.xyz (Desktop Only) https://github.com/messari/subgraphs/tree/master/dashboard

- Source code of the validation dashboard Messari uses to QA subgraphs.
- Dynamic tables and chart rendering to view data among 10+ GraphQL schemas for various protocols on EVM chains.
- Gained expertise on the unique traits and similarities across major DeFi protocols

Substreams https://github.com/MichaelC1999/substreams-python

- Python package that enables interfacing substream data
- Used by Messari to build Streamlit data apps on top of substreams

Billboard https://github.com/MichaelC1999/billboard

- Decentralized marketing platform built for DAOs and DeFi protocols
- Built with Metamask Snaps to serve ad content
- Protocols can launch ad campaigns to be displayed in dApps for ad revenue.

Chaser https://github.com/MichaelC1999/chaser

- Leverages The Graph and UMA optimistic oracles to facilitate advanced investment strategies with historical DeFi data.
- Won 3 top sponsor prizes in ETHOnline 2023