

Aaron Algutifan

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EDUCATION

University of Missouri

Columbia, MO

Bachelor of Engineering in IT - Emphasis in Software Engineering

Aug. 2019 – May 2023

- Software Engineering, Algorithm Design and Programming, Programming Languages and Paradigms, UNIX

EXPERIENCE

Software Engineer Freelancer

Aug. 2020 – Present

Full Stack Developer

- Led 2 successful projects with over **120** unique buyers on the Ethereum blockchain
- Developed four smart contracts for cryptocurrencies on the Ethereum blockchain in Solidity
- Crowdfunded over **180,000 USD** for Decentralized Finance projects
- Hosted and developed two websites that utilized JavaScript, React, and HTML/CSS
- Created and managed Telegram and Twitter communities for Decentralized Finance projects

PROJECTS

Blockchain Community Token | *Solidity, JavaScript*

Aug. 2020

- Developed and built an ERC20 game token where players were rewarded based on community participation and viewership in livestreams on Twitch
- Crowdfunded 40 ETH (**76k USD** as of 6/01/2021) for the project
- Created and hosted a website with a JavaScript and React frontend and created a Telegram group and Twitter page for the project
- [Link to the Project](#)

Blockchain Dice Game Token | *Solidity, JavaScript*

Aug. 2020

- Developed and built an ERC20 token where players could be rewarded based on a randomly-generated dice roll
- Crowdfunded 60 ETH (**114k USD** as of 6/01/2021) for the project
- Created and hosted a website with a JavaScript and React frontend and created a Telegram group and Twitter page for the game project
- [Link to the Project](#)

Database Query App | *Python, SQL, Docker*

Aug. 2021

- Built a Python app and wrote SQL queries to query an SQL database
- Developed a command line menu for the user to choose which SQL queries they want to view
- Used Docker for the development environment containing the database
- [Link to the Project](#)

Full Stack NFT Marketplace | *Solidity, JavaScript, Next.js, Node.js, React, Web3Modal*

Mar. 2022

- Created a full-stack Web3 NFT marketplace powered by the Solidity backend and JavaScript frontend of the site
- Provided functionality for users to buy, create, and view their NFTs stored in the Polygon blockchain
- [Link to the Project](#)

ERC20 Price Calculator Webapp | *Solidity, JavaScript, React*

Mar. 2022

- Created a webapp that calculates the current price for a user-specified amount of supported ERC20 tokens
- Integrated the 0x API with the calculator app in order to fetch current prices for tokens
- [Link to the Project](#)

Custom API Creation | *Python, FastAPI, JavaScript, React*

Jul. 2022

- Created a custom API with Python and FastAPI that returns a JSON object accessed through two endpoints
- Integrated the Emoji API with my portfolio site's frontend in order to generate a random emoji from the API
- [Link to the Project](#)

TECHNICAL SKILLS

Languages: Python, Solidity, C#, C++, JavaScript, SQL, MongoDB, HTML/CSS

Frameworks: React, Node.js, Next.js, jQuery, WordPress

Developer Tools: Git, GitHub, AWS, Docker, VS Code, Visual Studio, PyCharm, Atom, Jira

Other Technologies: Blockchain, Smart Contracts, ERC20 Tokens, UNIX, Linux, Bash