

Madison Fries

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Professional Experience

Charged Particles

April 2022 - Present

Front End Engineer

- Collaborated with a team of 6 across time zones with flexible schedules
- Bundled data from graphs, APIs, and Ethereum contracts to maximize UX
- Optimized React components utilizing callbacks and memos to prevent large page rerenders and increase client performance
- Troubleshot problems interfacing with Ethereum contracts with tools like Etherscan
- Designed our dApp's public SDK to provide easy interaction with our smart contracts
- Trusted as sole front end engineer for company's emerging proprietary sales product

Tender Greens • *Cashier / Salad Maker*

April 2021 - April 2022

Mario's Italian Restaurant • *Server / Host*

Nov. 2017 - Feb. 2021

Technical Experience

Chese - <https://chese.onrender.com>

Alto - <https://alto.earth>

NFT marketplace live on Goerli testnet.

Centralized plant information site inspired by

Incorporated Alchemy, Infura, and Pinata API.

Wikipedia/Google. Designed to help beginner

Built using React, Typescript, Solidity, Hardhat,

plant lovers find information to care for their

TailwindCSS, Gatsby.js

plants. Built using React, Gatsby.js, GraphQL, MongoDB.

Linux Server Administration

Lahvah - <https://lahvah.onrender.com>

Managed home Linux server since high school.

Fake modeling agency I designed and built to

Primarily used to manage terabytes of data using tools such as BTRFS and RAID, SSH,

help me learn Tailwind, Typescript, and Next.js architecture.

bash. Previously hosted Ethereum/Chainlink nodes, nginx reverse proxy, and commercial

networking hardware controllers

(Ubiquiti/Omada).

Skills

Languages: JavaScript, TypeScript, HTML, CSS, Solidity, Bash

Developer Tools: Docker, GraphQL, MongoDB, IPFS, Jest, Firebase

Frameworks: React, Gatsby, NextJS, Express

Packages: TailwindCSS, Material-UI, Styled-Components, EthersJS, React Query

Education

San Diego State University

2019 - 2020

BS - Computer Science

Harvard Extension School

2017 - 2017

Computer Science Program