Mitchell Thomas
Software Engineer

Graduate of computer science with experience working across the full stack in software development. I've worked on various projects as well as managed and led teams in projects, both professional and personal, aiming to gain valuable experience in the developer role within the technologies I pursue.

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WORK

Blacsand.io
CEO, Web Developer

Orlando, FL | July 2019 - current

- Developed the unique brand website experience using HTML, CSS, Javascript, and Anime.js packages, using Bootstrap Framework to optimize and provide structure.
- Led a team and managed client interaction as well as accompanied in development of 14 End-To-End websites for Individuals and Businesses and delivered various other web services and products for 8 more clients.
- Managed and grew a team of 8 individuals spanning multiple expertise to work together accomplishing various projects spanning from Web Design, UI/UX design, and Web Development projects
- Initiated research stages of REACT development as well as Ethereum Smart Contract Development products in the SaaS industry.

CODING PROJECTS

Blockchain Kickstarter Clone

April 2021 - May 2021

- Developed smart contracts that allowed for a blockchain crowdfunding platform where contributors to various kickstarter campaigns could vote on campaign fund distributions to vendors.
- Created a Front-End Website that successfully allowed the creation of blockchain campaigns as well as options to contribute and become approvers to campaigns using React framework and Next.js, with contract testing using Truffle suite.
- Incorporated Semantic UI with REACT css framework to structure the app as well as make it mobile responsive.

External Adapter & Consumer Smart Contract for Chainlink Job Spec

September 2021

- Built an external adapter API to bring real-world data On-chain to a consumer smart contract through a Chainlink Job spec and Oracle Node
- The External Adapter was written in Typescript and gathered example JSON of account balances and IDs. The external adapter contained three endpoints: To sum the account balances, Find the account with the maximum Balance, and find the account with the Minimum Balance.

COVID-19 Classifier - Neural Network

April 2020 - May 2020

- Built a convolutional neural network in the early days of COVID-19 lockdown which classified X-ray images of lungs to contain COVID with an accuracy of 75-92% with 50 previously classified x-ray samples. Built with Python

SKILLS

- JavaScript
- Python
- Node.JS
- HTML/ CSS
- Java
- Solidity Development
- React.JS
- Typescript

EDUCATION

B.S.
Computer Science - Artificial Intelligence Specialization

Indiana University

2015 - 2019

Bloomington, IN

Resident Assistant two years managing a house of 48 individuals

Resident Services Sustainability Chair