Nam (Logan) Nguyen

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WORK EXPERIENCE

Full-stack software engineer internship Virginia, United state — Sep. 2022 - now

Jobs4Interns – Domenix

- Migrated codebase from **React class components** to modern **functional components** reducing a decent amount of repetitive code leads to better performance
- Utilized the use of **Node JS, Express JS, MongoDB,** and **Mongoose**, the complete MERN Stack to provide **RESTful API**
- Created new features, functionality, and capabilities to the projects

EDUCATION

Green River College Auburn, WA — Jan. 2017 - May 2019

Associate in Arts in Information Technology — **CGPA: 3.94/4.00**

- Relevant course work: Front-end Web programming, Java OOP, Data Structures, SQL Database

State University of New York (SUNY), College at Oswego — Jan. 2021 – exp. May. 2023

Bachelor of Science in Computer Science — **CGPA: 4.00/4.00**

- Relevant Courses: System programming (C), Software Engineering (Java, React, Liberty), Algorithms and Data Structures

PROJECTS

Hashtology Decentralized App

https://github.com/logann131/hashtology-dapp

- Established a user-friendly decentralized application upon the **Ethereum blockchain** that let people transfer crypto currency around the world
- Developed a smart contract using **Solidity** programming language that mimics the utilities of the **ERC-20** standard to create customized fungible tokens and allows it to be transferred from one crypto wallet to another
- Deployed smart contract to **Polygon Mumbai** test net which improved gas savings from token transfers by 85%
- Applied the combination of the modern front-end framework, **React,** and the type-safe programming language, **TypeScript,** to mitigate type-error in runtime and enhance application performance and responsiveness

Ethereum Development Sandbox

https://github.com/logann131/ethereum-dev-sandbox

- Utilized **Hardhat**, a lightweight yet powerful framework, to gain more supports in the management and automation of common tasks such as editing, compiling, debugging, and deploying smart contracts
- Set up a **Remote Procedure Call node** from **Alchemy** to send RPC API calls and access the Ethereum blockchain network
- Leveraged **hardhat-etherscan** plugin to publish and verify the source code of the smart contracts on the most well-known block explorer, **Etherscan**
- Imported and incorporated **ReentrancyGuard** smart contract from **Openzeppelin** library to protect smart contract's safety from reentrancy attacks

Data Analytic Yelp App *(Full-Stack Developer)*

https://github.com/logann131/CSC-365-fullstack-app-III

- Implemented **Java Spring Boot** framework to create a standalone resource server to host all the data analytics from a dataset retrieved from **Yelp**
- Applied the combination of the modern front-end framework, **React,** and the type-safe programming language, **TypeScript,** to mitigate type-error in runtime and enhance application performance and responsiveness

SKILLS

Blockchain	Ethereum • Solidity • Hardhat • Waffle • Ethers.js • Openzeppelin • Remix
Front-End	NextJS • React • HTML5 • CSS • Tailwind • Styled Component • Bootstrap • WordPress
Back-End	Golang • Open Liberty • Spring Boot • NodeJS • Express • MongoDB • MySQL • Rest API • Firebase
Deployment	AWS • Netlify • Heroku • Docker • Vercel