Justin Stephens

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Skills

Programming: Java • JavaScript • Go • Solidity • Python • C++ • C# • HTML • CSS • SQL • React

Tech: Git • Ganache • Hardhat • IPFS • Docker • Kubernetes • InfluxDB • LaTeX • AWS • Unity • NodeJS

Education

University of South Alabama   *Mobile, AL*
B.S. – Computer Science (GPA: 3.6)   *May 2023*

Relevant Coursework: Object-Oriented Programming, Adv Data Structures & Algorithms, Secure Software Engineering, Form Lang – Automata Theory, Cyber-Physical Security

Professional Experience

Frontend Developer | Metropolis World Ltd   *May 2022-Present*

- Design excellent and reusable frontend user interfaces that interact with smart contracts.
- Deploy, test, implement, and create architecture for smart contracts on the Ethereum blockchain.

Software Engineer Intern | University of South Alabama   *September 2021-April 2022*

- Programmed 4 malicious scripts and exported benign virtual machine metrics to a local InfluxDB server. Assembled Python scripts to query the server.
- Implemented machine learning algorithms to clean the data and evaluate which script was ran.

Projects

Decentralized Bot for Crypto Trading

- Led team of 11: Organized sub teams, tasks, and meetings. Assisted writing smart contracts, a frontend application, and debugging with my teammates.
- Built a machine learning bot to retrieve crypto price information every 5 minutes and evaluate if a specific currency should be bought or sold.

NFT Fighting Game

- Developed a cooperative battle arena using dynamic ERC-721 tokens.
- Engineered 3 unique characters to choose from. Each account is limited to one token.

Meta-virtual Campus

- Utilized React.js, Three.js, and Solidity to design a 3D campus that allows a user to select and mint a property.

NFT Matching Game

- Conceptualized a card matching game that mints the card as an NFT when a match is found.

Personal Development

DECA: Competition at state and national levels grew leadership and interpersonal communication skills
Barista: Intense work improved my ability to multitask. Gained experience working in team-based and independent capacities
Volunteer: Volunteering my time gave me insight into putting other's needs before my own.