Weston Willingham

Blockchain Engineer

Professional Software Engineer with more than three years of experience developing software and data solutions. Proficient in smart contract development, data science, and full stack web development.

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WORK EXPERIENCE

Lead Blockchain Engineer
GameOn Entertainment Technologies

05/2022 - Present
Gaming software company building NFT prediction games
Achievements/Tasks

- Created a blockchain service API to read and write data to the blockchain for different clients, minting, transferring tokens, and synchronizing data to our backend
- Wrote, tested, and deployed ERC1155 smart contracts for a music NFT project, with IPFS metadata deployment pipelines, contract value accumulation, and OpenSea metadata displays for thousands of smart contracts

Smart Contract Engineer
XLR8 NFT

02/2022 - Present
First functional NFT car for the metaverse
Achievements/Tasks

- Created and launched solidity smart contracts based on ERC20 and ERC721 standards on testnet
- Build the react.js backend for our marketing website
- Hosted a Chainlink node on an AWS EC2 instance to securely connect to our mongoDB server to retrieve metadata

Associate Engineer - Post Grad
SpaceX

08/2021 - 12/2021   *Cape Canaveral, FL*
Achievements/Tasks

- Developed front end Jinja, backend Python and SQL code to transition a legacy system into a Jira project
- Fixed Python unit testing errors for teams across SpaceX
- Created SQL dashboards to improve factory processes

EDUCATION

B.S. Industrial and Systems Engineering
University of Florida

06/2017 - 05/2021

Data Science Immersive
Galvanize Inc.

02/2021 - 05/2021
Courses

- Computer Vision
- Natural Language Processing

SKILLS

Typescript   AWS   Solidity   Hardhat
OpenZeppelin   Python   Unit Testing   Docker
Chainlink   Git   Machine Learning
Data Engineering   Web Scraping   DeFi
Serverless   DataDog   APIs   Moralis

BLOCKCHAIN PROJECTS

DonorCoin
- Philanthropic smart contract platform, allowing donors to contribute to a pool and vote on charitable spending measures to prevent charity fraud found in centralized charities
- Created full stack react website interfacing with the smart contracts through the web3.js module

Metaverzus NFT Fantasy Trading
- Served as the backend / smart contract engineer for an NFT startup creating a fantasy NFT trading game

LANGUAGES

Solidity
Full Professional Proficiency

Typescript
Full Professional Proficiency

Python
Full Professional Proficiency

Javascript
Professional Working Proficiency

Rust
Professional Working Proficiency

Ruby
Limited Working Proficiency

SQL
Full Professional Proficiency

INTERESTS

NFTs   DeFi   Meditation   Nutrition   Yoga
Futurism   Social Innovation   Machine Learning