Will McDonnell

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WEB3

Polygon ERC-721 NFT - Perpetuity Main Collection

Polyscan Verified Contract - Perpetuity Main Collection

Polygon ERC-721 NFT - Perpetuity Intro Collection

Polyscan Contract - Perpetuity Intro Collection

ERC-20 Token - Launched on Ropsten

EDUCATION

FULL-STACK COURSE GENERAL ASSEMBLY
(2021)
WASHINGTON, DC

UNIVERSITY OF SOUTH CAROLINA
(2009 – 2012)
BA ANTHROPOLOGY

INTERESTS

Web3
NFTs
DeFi
Crypto
Brazilian Jiu Jitsu
Anthropology
Twitch
Tennis
Music Production
Education Initiatives

SKILLS

Solidity, Truffle, JavaScript, ERC-1155, ERC-721, ERC-20, EIPs, React, Web3, Ethereum, EVM Chains, DeFi, NFTs, Polygon, OpenSea, MetaMask, Testnets, Infura, SQL, Bootstrap, Sass, React.js, node.js, Express.js, Mongoose, Git/GitHub, Visual Code Studio, C#, RESTful APIs, MongoDB, PostgreSQL, Heroku, AWS, Linux, Python

EXPERIENCE

DEFI / BLOCKCHAIN SOFTWARE ENGINEER - (2021 - 2022) at **COINLEDGER** - Remote
- Created ERC-721 Smart Contract for company NFT collection to be used in marketing campaign
- Developed Blockchain Importer / accounting software program that ingests Web3 Data from multiple chains and categorizes all transactions by protocol and type (Swap, Add Liquidity, Deposit, etc) and extracts protocol specific fees and gas costs to be used for portfolio tracking
- Researched and implemented Ethereum and EVM standards, EIPs, smart-contracts, platforms, and unique protocols to be consumed by blockchain importer
- Participated in daily stand-ups and updating tech-leads or research, bugs, code progress, and architectural designs / proposals
- Utilized Git and GitHub for version control with team of 5 + engineers all located around the globe
- Consulted on Web3 and smart contract capabilities to CEO for planned web3 smart contract creation and integration for company wide site

SOFTWARE ENGINEERING IMMERSIVE - (2021) at **GENERAL ASSEMBLY** - District of Columbia
- 12 Weeks/500+ hour course of intensive Full Stack Development instruction
- Developed client-side applications using JavaScript, React
- Utilized Git and GitHub for version control
- Building RESTful APIs storing data for web-apps using MongoDB and third-party APIs
- Final Project: React, node.js, AWS, Heroku, mongoDB, Express, HTML, CSS
  https://github.com/wpMcDonnell/not-a-tourist-client

DATA TECHNICIAN - (2020 - 2021) at **AMAZON WEB SERVICES** - Sterling, VA
- Performed diagnostics and troubleshooting on AWS EC2 and S3 servers via Linux
- Resolved an average of 20 to 36 trouble tickets per week
- Escalated logistical and software issues regarding part compatibility of AWS servers
- ISO tested an average of 20+ servers per day

COMPTIA A+ / NETWORK+ STUDENT - (2019 - 2020) at **LFCC**– Warrenton, VA
- Completed 128 hours of Lin class lectures to pass the CompTIA A+ and Network + exams
- Planning to complete Security + in near future

ASSISTANT TO THE PRESIDENT - (2018 - 2019) at **AACU**– District of Columbia
- Updated and utilized database comprised of 10,000+ institutions and members
- Coordinated and interacted with outside organizations, foundations, congressional offices, and non-profits regarding the association's support of nationwide higher education initiatives
- Operated as liaison to vice presidents on behalf of the President

PRODUCTION ASSISTANT - (2016 - 2018) - Hollywood, CA
- Operated as a freelance production assistant on various film and television productions in Hollywood, California for the USC Film School, the New York Film Academy, and the America Film Institute

SPECIAL ASSISTANT - (2014- 2016) at **SMITHSONIAN INSTITUTION** – District of Columbia
- Programmed and managed the Smithsonian Office of the Regents' website via HTML
- Assisted in technical support of board members' computers, tablets, and mobile devices
- Advised executive management of Smithsonian and federal directives