Jeus Santiago

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With a unique blend of computer science, data science, crypto development, and web development expertise, I've brought to life a range of projects—like user-friendly websites, robust data systems, and innovative smart contracts—that strive to make technology more accessible and engaging for people. Beyond the realm of technology, I'm deeply passionate about rock climbing, relishing the challenge of both body and mind.

EXPERIENCE

Oxy-Fi — *Developer* 2022
- Crafted, refined, and rigorously tested diverse smart contracts, enriching the user experience through algorithmic innovations.
- Collaborated seamlessly with a multidisciplinary team of designers, illustrators, and fellow developers, culminating in the creation of an aesthetically compelling website.
- Orchestrated the seamless integration and development of backend APIs, streamlining data retrieval and facilitating advanced analytics.
- Proficiently curated and managed user data within a MySQL database, enabling data-driven insights to drive continuous user experience optimization
- Formed strategic partnerships with pre-established industry projects.

The Mutated Degenaissance — *Developer* 2022
- Spearheaded the end-to-end development, seamlessly merging the capabilities of web development and blockchain frameworks, including React and Web3.
- Independently implemented intricate smart contracts, showcasing a comprehensive understanding of blockchain technology and cryptographic protocols.
- Facilitated clear communication between technical and non-technical stakeholders, ensuring smooth assignment comprehension and timely issue resolution.

Curious George Capital — *Developer* 2020 — 2021
- Established a robust server infrastructure to facilitate the operation of a publicly accessible Jupyter Notebook environment
- Developed custom scripts tailored to the acquisition and systematic storage of extensive cryptocurrency trading datasets from reputable exchanges.
- Employed advanced data analytics techniques to derive valuable insights, ultimately driving the conceptualization and development of an automated trading algorithm.

PROJECTS

Coin Companions
- Developed a web application with a React frontend and Django backend, empowering users to participate in group activities, log shared expenses, and automatically compute optimal payment distributions using efficient algorithms, fostering efficient financial management.
- Designed RESTful backend APIs, streamlining data storage in AWS RDS and AWS S3, guaranteeing data integrity and scalability.
- Ensured a secure and uninterrupted user experience through robust JWS-based authentication and persistent login.

Travel Helper Web Extension
- Diagnosed inefficiencies in Google Flights platform.
- Developed a Chrome web extension for streamlined price comparison across multiple competitors.
- Empowered users with the ability to make informed, cost-effective travel choices.

CONTACT

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SKILLS

Coding Languages:
Python, Javascript, Solidity, SQL

Web Development: React, Redux, Bootstrap, Django, AWS S3, AWS RDS, Rest API, Postman, PostgreSQL, Heroku

Data Science: Pandas, ScikitLearn, Numpy, Scipy, Tensorflow, Keras, Matplotlib, Seaborn, DBeaver, MySQL, SQLite, MongoDB

Crypto Development:
Web3.js, Ethers.js, Brownie, Ganache

Version Control: Git, Github

EDUCATION

Flatiron School, Immersive Data Science Program
2019