Charles Taylor

Principal Blockchain Engineer (Solidity / Rust / Go / WASM / Plutus)

Straightforward and *competent* professional with **12 years** of experience as a **software engineer** prior to transitioning to **blockchain engineering** for the past **4 years**. *Technical lead* with mindful emphasis towards *security*, *redundancies*, and *decentralization* for **blockchain projects** from *conception to production*.

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RELEVANT EXPERIENCE

Principal Blockchain Engineer (Bitus Labs),   – Irvine, CA –

Blockchain Expert and Tech Lead.

June 2022 – Current: Irvine, CA

- *Go scripting and analysis*
- *Solidity smart contract design, auditing, integration, and deployment*
- *Fintech business logic web3 and marketing*
- *Full stack web design (TS / JS / React / HTML / PHP / JQuery)*
- *MongoDB integration*
- *Custom API design*
- *API integration (Moralis / Opensea / Infura / Telegram / Twitter)*
- *MP4 NFT Generation (Node metadata / Python Layering & Edits)*

CEO / CTO (Fudgy Labs),   – Los Angeles, CA –

Hands-on technical lead with eight subordinates: developers, artists, business manager, and marketers.

January 2019 – Current: El Segundo, CA

- *Custom smart contract (Rust / Solidity / WASM / Plutus) design, integration, and deployment*
- *Foundry / Hardhat Unit Testing*
- *Full Stack Web3 design (Websites / whitepaper / dashboards / bots)*
- *Unity / HTML5 Web3 implementation*
- *Fintech business logic web3 and marketing consultations*
- *Full smart contract auditing services*
- *Generative NFT art services*
- *Paid mentorship services (including audit and CTF training)*

Software Engineer (Fudgy LLC),   – Los Angeles, CA –

Full Stack Software Engineer Contractor

July 2012 – March 2019: El Segundo, CA

- *Blockchain backend support and A / B testing (Go / J2EE)*
- *C# game physics design and procedural rendering*
- *Reverse Auto-CAD design*
- *Reverse Engineer System Verilog designs*
- *Credit card management services*
- *Full Stack Web design*
- *C++ / C / dll scripting for emulation*
- *Apache / ASP .NET MVC management*

SKILLS

- Solidity, Rust, WASM, Plutus
- EIP Design methods
- Custom smart contracts
- React, Redux, Next, Vue,
- Java, J2EE, JQuery
- Git, Github, Gitbook, Jira, Confluence
- AWS Services (API, DB, Hosting, CI/CD
- Android, Swift, React Native, Web
- JavaScript, Typescript
- Python, Python 3
- Remix, Hardhat, Foundry
- Bots, spider, API, Arbitrage
- Infura, Moralis, NowNodes
- IPFS, Pinata, EC2 storage
- ZK (zero knowledge) proofs
- Brownie, Ganache, Waffle
- Lerna, Mocha, Cypress

EDUCATION

CSULB Grad – Dec. 2017

Bachelors of Science in **Electrical Engineering** *with emphasis in Control Systems*

Notable Projects

https://deploystarship.com

https://fractalstudios.io/

https://rektapes.co

https://omnihorse.io