CODY LAMSON

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PROFILE

I have worked in the Ethereum space since 2017. I got my start in working with frontends for dapps and then quickly moved on to smart contracts. I spent quite a long time in this area until eventually moving on to more backend oriented things. Lately I have been having blast building trading bots using go/rust. These bots operate on Ethereum and Ethereum derived chains.

EXPERIENCE

Dex Trading Bot Developer; Myself — 2020 - Present

Have been writing various bots which play in the mempool. Frontrunning, backrunning, and tracing are my daily bread and butter. I spend time trying to shave milliseconds off response times and finding new interesting patterns to use.

CTO; Moonbeams GmbH — 2020 - Present

I built a protection service for users buying newly dex-listed tokens. It would frontrun attacks on users' token positions with sell calls. Thus saving users from losses (rug pulls). Flash Bots eventually made this unviable. Users could not longer be protected after private txs became a thing. I also built various successful dex listing bots and token analyzers for different chains.

Internal Tools Developer; Parity — 2020 - 2020

I was originally extremely excited to work here for the name alone. I took whatever job they would give me and was happy about it (at first). I eventually realized that the work of an internal tools developer was extremely boring and the pay was also quite low. I eventually decided to leave and work for myself, though I was offered a core developer position before leaving. I built a GitHub licensing bot and some other small tools which were written in rust. Nothing very interesting though. I did get to spend some time learning about polkadot/substrate though.

Full Stack Engineer/Blockchain Developer; Porsche Digital — 2019 - 2020

I was originally hired on as a freelancer and was offered a full-time job later on. I worked on various small projects which involved such things as: logistics on the blockchain, NFT games, encrypted file sharing via IPFS/ Ethereum. I eventually left because blockchain work began to become scarce and I had an offer from Parity.

Freelance Blockchain Developer; Myself — 2017 - 2019

I worked on 10+ different projects over the years doing tons of different things. These all involved smart contracts and very often some sort of a frontend using vue or react.

SKILLS

Golang

Have been building all of my bots with golang for more than a year. VERY familiar with many packages from go-ethereum and the client itself.

Solidity

Have deployed more than 100 smart contracts to Ethereum mainnet, BSC, and polygon. Have had more than 10 contracts audited. No audits of my code have ever resulted in severe vulnerability findings. My vim-solidity syntax plugin is the most popular syntax plugin for vim.

Typescript

Have been using it everywhere for all things JS for about 3 years now. I use it for testing contracts (hardhat, truffle mocha etc) as well as for frontends (react or vue). Some of my early bots were written in typescript, but were later rewritten into golang for more speed.

Rust

I enjoy the language but it seems that golang dominates the Ethereum space these days after the death of openethereum. I wrote a fair deal of rust at Parity. I also wrote a rather complex bot which would protect users' token buys via frontrunning attacking txs with sells. The entire backend was written in rust. The frontend was naturally typescript.