IVAN MORROW

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WORK EXPERIENCE

Solana Development Course   April 2022 – Present
Technical Content Creator
- Creating course with Solana Foundation to on-board devs to the Solana development ecosystem
- Contribute to writing course lessons and smart contracts in Rust for students to interact with
- Course material covers all topics to get started with writing and interacting with smart contracts on Solana
- This project is on-going, the first three modules have been released to the public with one more planned in the future
    - **https://soldev.app/course**

Spiral Crypto   February 2022 – Present
Smart Contract Developer
- Work on various different projects in the Solana ecosystem as a smart contract developer
- Provide security audits, contract testing, as well as contract development
- Development using Rust as well as Anchor framework

Belvedere Trading – Chicago, IL   September 2020 – Present
Trading Systems Analyst
- Provide best-in-class production support for traders by resolving issues promptly, proactive monitoring with a goal of anticipating and avoiding issues before they occur, minimizing downtime and quick recovery from any incidents, answering questions/relaying feature requests, and providing the best possible trading experience
- Handle a wide variety of mission critical trading system issues with a sense of urgency in high pressure situations with composure
- Work to reduce recurring issues and improve the stability of the trading system by automating manual tasks, monitoring system components, and mining data in system logs
- Develop proprietary process automation and monitoring tools and leverage third-party technologies as appropriate (Splunk, Nagios, Grafana)
- Collaborate and communicate with traders, software engineers, quants, and members of product team to resolve and troubleshoot issues, escalating when necessary
- Investigate various trades made by our electronic trading systems, as well as inputs to our proprietary pricing model and communicate with traders on the logic behind them
- Support core market connectivity and correspond with exchanges regarding trade order activity, connectivity, and other related technical support issues
- Built various tools in Python to help monitor production systems and automate manual tasks whenever possible, frequently work with SQL scripts/databases and Linux operating systems/command line

PROJECTS

Berumda   July 2022 - Present
Smart Contract/Backend Developer
- Building a ZK privacy-enabled DEX on Solana
- Started project as part of the Solana Summer Camp hackathon
- Work on backend services for order batch aggregation, order simulation, as well as smart contracts
    - **https://bermudafinance.xyz/**

Neptune Protocol   February – June 2022
Smart Contract Developer
- Project joined as part of the Solana Riptide hackathon
- Borrowing and lending protocol live on Devnet
- Work involved contributions to the smart contract code, as well as the Typescript SDK
- Project won multiple tracks in the hackathon

EDUCATION

COE COLLEGE, Cedar Rapids, IA
Bachelor of Science – (May 2020)
Majors: Computer Science and Physics