Trey Del Bonis

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tr3y.io – github.com/delbonis

Education

Northeastern University   2016 - 2020
College of Computer and Information Science
Bachelor of Science in Computer Science

Relevant Skills
Primary Skills

- Rust (5 yrs.)
- Linux admin (8 yrs.)
- Go (3 yrs.)
- Git (8 yrs.)
- Python (5 yrs.)
- Bitcoin (4 yrs.)

Other Skills

Languages: C, C++, C#, Java, x86 assembler, HTML/CSS, JavaScript

Libraries: Tokio, Flask, FastAPI, Jinja2, GTK *(...and many others)*

Tools: Emacs, GitLab, Docker, NGINX, PostgreSQL, MongoDB, Maven, Gradle, Unity3D

Misc: p2p protocol design, Ethereum, Raspberry Pi, Arduino, Matrix, ActivityPub

Work Experience

Threat Stack, Linux Engineer   2019
- Developed new auditing agent for AWS Fargate, integrating with existing platform
- Refactored legacy code to improve stability and performance
- Improved test coverage for Linux agent project

MIT Digital Currency Initiative, Lit Developer   2018
- Continued development on the Lit project to improve reliability and extensibility
- Retrofitted a vending machine to take Lightning payments of Bitcoin from mobile phones
- Developed alternative Lightning design, "Fulgurite", with focus on reliability and flexibility

Projects (full list available on website)

Prograde.gg (Python, web)   2021 – present
- Data-driven Rocket League analytics platform, designed to aid esports casters
- In talks to be used on collegiate league live streams

Game of Light (Rust, web)   2019 – 2020
- Multiplayer Conway's Game of Life, played in realtime in browser
- Players on teams, edit tiles by sending tiny amounts of Bitcoin via the Lightning network

Other Interests

MIT Bitcoin Expo Organizing Committee   2021

Boston BitDevs   2019 – present

Boy Scouts of America, Eagle Scout   2009 – 2016

Phone and address available on request – Updated 2021-03-25