

Patton Oehler

Software Developer

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About Me

Programming for me has never been “just a job”, I taught myself coding because it provided me with a continuous challenge to improve and learn. What started off as a fun hobby has turned into a passion that only continues to grow over the years.

Below are a few projects that I have completed to show off my skills and experience.

Experience

[Portfolio](#) - showcases my work much better

PattOS([Code](#)) Technologies Used: **C++**, **Assembly**, **Make**

This is my own operating system created completely from scratch(no libraries) where I created everything including printing methods, device drivers, and even my own file system.

Faucet-Helper([Code](#)) Languages Used: **Java**

This program assists in the long-term usage of bitcoin and altcoin faucets. In it is a sorting algorithm optimized for the least amount of swaps and duplicates, as well as parsing files for ease of expansion on the user end.

Polymorphic Encryption Engine([Code](#)) Languages Used: **Assembly**, **C**

This is a proof of concept that decrypts code to ram and executes it at runtime. It manipulates the binary at runtime(with a decryption key) then jumps to the decrypted code. Has a total of 255 possible encryption/decryption keys.

Education

Indian Hills Community College- Calculus 1-2-3, Spanish 1-2, Intro To Engineering