Trevin Hofmann

Software Engineer

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https://github.com/thofmann

Objective

- Seeking to continue my career as a software engineer as an intern at a company that will leverage and expand my skills

Education

- Junior Software Engineering student, Milwaukee School of Engineering
    - Will graduate in 2017 with a Bachelor of Science in Software Engineering
    - Current cumulative GPA of 3.89

Technical Skills

- Languages: HTML, CSS, JavaScript (jQuery, Node.js, React.js), Jade, Stylus, PHP, SQL, Java, Python
- Operating systems used in development: Linux, Windows, OS X
- Familiar with networking protocols including TCP/IP, HTTP, and SMTP
- Comfortable with both object-oriented and procedural programming
- Experienced in developing software test suites with tools such as Mocha, Selenium, and JUnit

Experience

- Designed and implemented a variety of software systems including:
    - Web-based tool[1] for exploring cryptocurrency block chain data, primarily based in Node.js
    - Java implementation[2] of the board game Go
    - Mobile web-based wallet[3], ported to an Android application with Cordova
    - Cryptocurrency mining pool[4] primarily written in Python and PHP (inactive)
- Contributed to open source projects including:
    - Bitcoin Core[5], the primary implementation of peer-to-peer cryptocurrency Bitcoin
    - Identifi[6], a distributed identification and reputation database
- Maintained Linux (Debian, Ubuntu, and CentOS) servers via SSH
- Authored three articles[7] on cryptography and cryptocurrencies
- Worked as a remote software developer for Bitalo since September 2013
- Worked in San Jose as a software engineer intern at PayPal during the summer of 2015

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[1] https://github.com/thofmann/mychain
[2] https://github.com/thofmann/Java-Go
[3] https://play.google.com/store/apps/details?id=org.hofmannt.bwallet
[4] https://bitalo.com/mining
[5] https://github.com/bitcoin/bitcoin
[6] https://github.com/identifi/identifi
[7] http://www.coinmanual.com/author/trevin-hofmann/