Trevin Hofmann
Software Engineer

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https://github.com/thofmann

Objective

- I am seeking to advance my career as a software engineer at a company that will leverage my skills and provide an opportunity to expand them.

Education

- Senior Software Engineering student, Milwaukee School of Engineering
    - Will graduate in 2017 with a Bachelor of Science in Software Engineering
    - Current cumulative GPA of 3.915
    - Courses: Data Structures, Network Protocols, Operating Systems, Algorithms, Real-Time Systems

Technical Skills

- Languages: HTML, CSS, JavaScript, Jade, Stylus, PHP, SQL, Java, Python
- Environments, frameworks, and tools: Node.js, React.js, Grunt, Babel, Electron, Chai
- Operating systems used in development: Linux, Windows, OS X
- Comfortable with object-oriented, procedural, and functional 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, developed 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 primarily written in Python and PHP
- Contributed to open source projects including:
    - Bitcoin Unlimited Web[4], a React.js website for the Bitcoin Unlimited project
    - Bitcoin Core[5], a primary implementation of the peer-to-peer cryptocurrency
    - Identifi[6], a distributed identification and reputation system
- Authored four articles[7][8] on cryptography and cryptocurrencies
- Worked as a remote software developer for Bitalo from fall 2013 to spring 2015
- Worked in San Jose as a software engineer intern for PayPal during the summers of 2015 and 2016

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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://github.com/bitcoinunlimited/BitcoinUnlimitedWeb
[5] https://github.com/bitcoin/bitcoin
[6] https://github.com/identifi/identifi
[7] http://www.coinmanual.com/author/trevin-hofmann/
[8] https://21.co/learn/generate-a-p2pkh-address/