Trevin Hofmann

Software Engineer

trevinhofmann@gmail.com | 715-350-9696 | Milwaukee, WI

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 May of 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, C, C++
* 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 tool1 for exploring cryptocurrency block chain data, developed in Node.js
  + Java implementation2 of the board game Go
  + Mobile web-based wallet3, ported to an Android application with Cordova
  + Cryptocurrency mining pool primarily written in Python and PHP
* Contributed to open source projects including:
  + Bitcoin Unlimited Web4, a React.js website for the Bitcoin Unlimited project
  + Bitcoin Core5, a primary implementation of the peer-to-peer cryptocurrency
  + Identifi6, 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

[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/