

Keenan Lidral-Porter

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Technical Skills

Strong: Javascript, Git, Mocha/Chai, Node.js/Express, Mithril, API integration, Promises/Asynchronous code

Experienced: Grunt, SQLite, Firebase, Backbone, Angular, Ionic/Cordova, Coffeescript, Azure, Bitcoin-js

Software Engineering Projects

TeslaRange

Calculate range predictions for Tesla drivers in real time, based on elevation change & driving habits

- Used Mithril (very lightweight client-side JS MVC library) to create a minimal, fast UI for Tesla car display
- Connected to Tesla API to analyze car's current battery level, charging rate, & driver's recent energy usage

CoinDrop

Escrow service that allows users to create personal, micro deals with bitcoin

- Designed product from a user perspective & managed git workflow as product owner / scrum master
- Created n of m multi-signature Bitcoin wallet to give users a secure, anonymous place to lock down BTC
- Added functionality to withdraw from multi-signature wallet once user has n private keys

Aircoin

Bitcoin wallet managed entirely through SMS

- Integrated Nexmo API, Bitcoin-js and Helloblock API to allow users to create & manage a bitcoin wallet
- Backend in node and express; deployed to Azure. Any US phone can use service—text '1' to (213) 263-3700

JavaHunt

Discover popular coffee shops nearby with the touch of a finger

- Worked extensively with Google Maps & Yelp APIs to create a location-based coffee recommendation app
- Designed user interface for mobile platforms. Built using Ionic and Cordova for Android & iOS

Closebuy

Sell your old gadgets locally - online garage sale service with a friendly mobile interface

- Standardized image size across all devices (Samsung note3, S4, iPhone 5, etc.) to improve user experience
- Added documentation and clarified starting instructions to minimize setup time for future developers

Professional Experience

Hack Reactor - Hacker in Residence

2014-2015

- Prepared & presented lecture content on efficient solutions to algorithmically complex javascript problems
- Reinforced students' understanding of MVC architecture, data structures, client authentication, security, +

Asurion - Paid intern & Contractor

2013-2014

- Drafted tri-weekly emails sent to over 10,000 employees containing healthy life choices & work/life tips
 - Tracked company-wide analytics as part of PM team; used to present quarterly reports to executive team
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Education

Hack Reactor: Advanced Software Engineering Immersive

San Francisco, CA 2014

Hobart College, Northern Virginia Community College

Geneva NY & Loudoun, VA 2012-2014

- A.S. in Science & Mathematics

The Potomac School

McLean, VA 2008-2012

- Discovered new bacteriophage in year-long bioengineering course. One of 5,820 discovered phages

Personal

Avid swimmer—training for Alcatraz open water swim. Speak Mandarin conversationally, learning Korean