

Avi Itskovich (aitskovi)

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github.com/aitskovi

Experience

Airbnb

Engineering Intern
Sept 2013 - Dec 2013
MySQL, Ruby, Javascript, R

- Integrated prepaid debit cards as a payout method
- Rewrote the Payment Network/Processor selection system
- Created the currency gem, a large well tested set of currency utilities

Facebook

Engineering Intern
Jan 2013 - May 2013
C++, MySQL

- Worked on the ColdStorage project
- Designed and implemented the directory system
- Rewrote the API and created a shell for the system
- Wrote the code managing disk space across the system

Twitter

Engineering Intern
April 2012 - Aug 2012
Java, Scala, MySQL, Redis

- Helped implement parts of the graph data store
- Designed and programmed a consistency repair framework
- Implemented a new command in the redis database (HSCAN)

Inkling

Engineering Intern
Jan 2011 - Dec 2011
Objective-C, C, JavaScript, HTML, Backbone.js

- Created an adapter between jQuery and MooTools
- Added a way to search an Inkling book using CSS selectors
- Redesigned the sign-up and registration flow on iOS
- Helped create a video player on top of the AVPlayer Library
- Created the 'hotspot' textbook figure on iOS

Open Source

animation

Creator

Created a queue system for easy sequential animations in iOS
github.com/aitskovi/animation

backbone-mootools

Creator

Developed an adapter between jQuery and MooTools
github.com/inkling/backbone-mootools

ReactiveCocoa

Contributor

Contributed common list folding methods (foldLeft/foldRight)
github.com/ReactiveCocoa/ReactiveCocoa

Education

University of Waterloo

September 2009 - May 2014

Bachelor of Mathematics in Honours Computer Science