

Andrew Braunstein

Software Engineer

about

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languages

Ruby, Javascript,
CoffeeScript, C,
Python, Java, C++,
Bash

frameworks

Rails, Sinatra, Flask,
Expressjs, Android

tools

Emacs, Eclipse,
QtCreator, Visual Studio

education

2009–2012 **University of Pennsylvania**
BSE in Computer Science
Expected Graduation: May 2013

Philadelphia, PA

experience

05/12–08/12 **Vistar Media**
Software Engineer Intern
Rewrote serverside form validations, replacing wtforms
Built new clientside visualizations using d3.js

Philadelphia PA

09/11–05/12 **University Of Pennsylvania**
Teaching Assistant
Taught labs for Programming Languages I.
Held office hours and did code reviews.

Philadelphia, PA

06/11–08/11 **Gobbler**
Software Engineer Intern
Developed an internal marketing tool in Ruby on Rails.
Built a forum scraper that parses phpBB and vBulletin forums

Hollywood, CA

projects

2012 **js-compute** CoffeeScript, Node.js
js-compute is a distributed JavaScript cloud-computing platform.
Using web workers, js-compute can harness the power of the user's browser to compute distributed tasks

2012 **rdtripp.in** Javascript, Python
3rd place (\$1000) out of 42 teams at PennApps 2012 Spring Hackathon
A webapp that finds your facebook friends that live along a route.
Uses backbone.js, googlemaps API, and mongoDB.

2011 **Let's Settle This** Java, Android
Android app that allows you to settle petty arguments with friends quickly and easily.
Uses Venmo mobile payment API, Wolfram Alpha search API, and Bump mobile to mobile data transfer API.

2011 **Wii Conductor** Java, AppleScript
Written at TechCrunch's Disrupt Hackathon 2011, this program allows the user to control the tempo and volume of a song playing in GarageBand by using a Wiimote to conduct the music.

interests

Founder, Emacs club on campus

Board Member, UPenn Ski and Snowboard Team

Board Member, Dining Philosophers (UPenn Computer Science Club)

