

Andrew Braunstein

Software Engineer

contact

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languages

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

frameworks

Rails, Sinatra, Flask,
Express.js, Android

tools

Emacs, Eclipse,
QtCreator, Visual Studio

education

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

experience

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

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

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

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).