



# Avi Romanoff



Philadelphia, PA



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4/28/14



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## Education

### Carnegie Mellon University, Pittsburgh, PA

September 2014 - May 2018  
(expected)

- Plan to major in **Human-Computer Interaction** and **Cognitive Science**
- Dietrich College of Humanities & Social Sciences

### Jack M. Barrack Hebrew Academy, Bryn Mawr, PA

September 2008 - June 2014  
(expected)

- Current 12th grade honors student
- President of Student Body Government (2013-)
- President of Class in 9th, 10th, and 11th grade (2011-2013)
- Captain of varsity TEAMS (Tests of Engineering Aptitude, Mathematics, and Science) club
- AP Courses: Calculus BC, Physics, Biology, Literature

### Harvard University, Cambridge, MA

June 2012 - August 2012

- Completed 7-week course: *Intensive Introduction to Computer Science Using Java*
- Harvard University Summer School
- Selected to perform original poetry composition at Harvard SSP Talent Show

## Experience more projects at [romanoff.me/code](http://romanoff.me/code)

### elementary — elementaryos.org

2011 - Present

#### Lead Developer & Core Team Member

- Developed multiple desktop applications for Linux-based elementary OS in Vala & Python languages using GTK+
- Designed and implemented frameworks and APIs for third-party developers
- Platform has been downloaded 1,000,000+ times, translated into 50+ languages

### Cadence Watch Company, Philadelphia, PA — cadencewatch.com

Summer 2013

#### Research & Development Intern

- Researched responsive, mobile-first, and native client design strategies for mobile e-commerce
- Designed and implemented modern responsive interface for *Magento* e-commerce platform
- Authored 25-page research report evaluating mobile strategy related to UX and business objectives

### LunchBiz, Jenkintown, PA — lunchbiz.com

Summer 2012

#### Full-stack Web Developer

- Rewrote entire server backend in Python/Django to order to decrease costs and improve scalability
- Audited and documented security vulnerabilities in previous PHP codebase for risk mitigation
- Re-architected accounts infrastructure and administrator portal to increase productivity and save time

## Honors & Awards

- Xerox Award for Innovation and IT, Rochester University (2013)
- "It Just Works" Award, Sponsored by Dropbox, Inc., PennApps Spring 2014 Hackathon
- 1st Place for Exceptional Innovation, Design, & Presentation, PilotPhilly Hackathon, U. of Pennsylvania (2013)
- 1st Prize for Prose, Mordechai Anielewicz Creative Arts Competition (2013)
- 1st Place for Division in National TEAMS Competition: *Engineering a Secure Cyberspace* (2013)
- Student of the Week, The Main Line Times (September 26, 2012)
- National Merit Scholarship Commended Scholar (2013)

## Skills

**Languages:** Python, Vala, Java, JavaScript, CoffeeScript, HTML/Jade, CSS/LESS, BASH

**Platforms:** Node.js, Django, Flask, GLib/GTK+, Backbone.js, Meteor, OS X, Linux

**Miscellany:** Enthusiasm, word play, taste in music