



Avi Romanoff



Philadelphia, PA



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10/6/14

Education

Carnegie Mellon University, Pittsburgh, PA

September 2014 - May 2018

- B.S. Cognitive Science and Human-Computer Interaction (expected)
- Dietrich College of Humanities & Social Sciences, Human-Computer Interaction Institute

Jack M. Barrack Hebrew Academy, Bryn Mawr, PA

September 2008 - June 2014

- President of Student Body Government (2013-2014)
- President of Class in 9th, 10th, and 11th grade (2011-2013)
- Captain of varsity TEAMS (Tests of Engineering Aptitude, Mathematics, and Science) club

Harvard University, Cambridge, MA

June 2012 - August 2012

- Completed 7-week course: *Intensive Introduction to Computer Science Using Java*
- Harvard University Summer School

Skills

Specialties: Full-stack web development, web scraping, desktop Linux development

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

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

Miscellany: Enthusiasm, word play, taste in music

Super interested in:

- design
- security
- productivity
- artificial intelligence
- functional programming

Professional Experience *more projects at aviromanoff.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 1,500,000+ times, translated into 50+ languages

FWD: Philly, Philadelphia, PA — forwardphilly.com

Summer 2014

Software Engineer & Technical Consultant

- Designed and implemented internal tools to aggregate & analyze “big” real estate data using MongoDB and Node
- Advised engineering team on best practices for writing secure, scalable and maintainable infrastructure using Node.js, MongoDB, Backbone.js and related libraries

Honors & Awards

Hackathons

- 1st Prize, Apple's Carnegie Mellon iOS App Challenge, Carnegie Mellon U. (September 29, 2014)
- Grand Prize & Best User Experience Award at PennApps X Hackathon, U. of Pennsylvania (September 14, 2014)
- “It Just Works” Award, Sponsored by Dropbox, Inc., PennApps Spring Hackathon, U. of Pennsylvania (2014)
- 1st Place for Exceptional Innovation, Design, & Presentation, PilotPhilly Hackathon, U. of Pennsylvania (2013)

Everything else

- 1st Prize for Prose, Mordechai Anielewicz Creative Arts Competition (2013)
- 1st Place for Division in National TEAMS Competition: *Engineering a Secure Cyberspace* (2013)
- Xerox Award for Innovation and IT, Rochester University (2013)
- Student of the Week, The Main Line Times (September 26, 2012)