

# Luke Carlson

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## University of Pennsylvania

Philadelphia, PA

### School of Engineering and Applied Science, *Computer Science Major* (B.S.E. 2017)

Recent Courses include: Intro to Computer Architecture and Systems, Machine Translation, Programming Languages and Tech II, Advanced Spanish, Theater Arts, Crowdsourcing and Human Computation. *GPA: 3.66*

**Campus Involvement:** PennApps Sponsorship Committee Representative/Competitor; Swing Dance Group Member, PennQuest Hiking Group Member.

## Trevor Day School

New York, NY

Graduated June 2013. Writing Advisor; Peer Leader (Certified in Mediation); Head of the Tech Club; Varsity Soccer Forward, 2011 NYCAL Champions; Lead actor in comedy productions; Tour Guide. Established afterschool computer literacy program in East Harlem.

**Technical Skills:** Java, C, Python, Ruby, OCaml, Javascript, HTML/CSS, PHP, git, Final Cut Pro and Photoshop

## Work Experience:

### UPenn Computer Science Department

Philadelphia, PA

#### *Teaching Assistant*, Fall 2014-Present

- Direct weekly recitations for second level CIS course *CIS 120: Programming Languages and Tech*.
- Attend weekly professor meetings; grade assignments and exams; hold regular office hours.

### Ruse Laboratories

(Remote), USA

#### *Freelance Developer*, August and Fall 2014

- Designed and executed the restyling of Congressional candidate Roy Cho's website ([roycho.com](http://roycho.com)).
- Collaborate with the campaign manager and head of content to iterate on aspects of site.
- Played a role in the redesign effort for Galore's magazine site ([galoremag.com](http://galoremag.com)) and model agency.

### Appboy, Inc

New York, NY

#### *Software Engineering Intern*, Summer 2014

- Worked directly with customer support to update backend of project documentation and academy sites.
- Enabled the sending of Android image push notifications to millions of consumers via web interface.
- Led the integration of new Kindle Platform into core product.

### Appboy, Inc

New York, NY

#### *Web Development Intern*, Spring-Summer 2013

- Customized website and built tools to streamline workflow and incorporate marketing team requests.
- Created method to generate client leads using Python and CrunchBase.
- Showcased product development and relevant research in regular presentations to management.
- Edited official company blog; Wrote guest post, "5 Easily Avoidable Design Mistakes in iOS Apps."

### Next Step Tech

New York, NY

#### *Teaching Assistant/Student*, Winter-Spring 2011-2012

- Instructed high school students in HTML and CSS during weekly 3-hour classes and individual sessions;
- Taught Flash Animation and Action Script 2.0 to middle school students (fall 2010).
- Completed weekly assignments using Python; Designed independent projects in one-on-one sessions with entrepreneur mentor at Hunch headquarters.

## Recent Notable Work

**Daux.io (Open Source)** One of main contributors to a Markdown documentation generator written in PHP.

**What's Happening?** Created app at PennApps Fall 2013; Displays top online news; Optimized for mobile.

**Text Editor** Devised multi-window text editor made in Python capable of rendering HTML and Markdown.

**Artist Lookup** Architected web app that aggregates information on musicians and shares their music.

**Web site:** <http://www.jlukecarlson.com> Programming samples at [www.github.com/jLukeC](http://www.github.com/jLukeC)

## Other Skills and Interests

Avid reader. Enjoy basketball and skiing, writing stories and creating films. Strong interest in other cultures; Travel includes Argentina, Turkey, Switzerland, and language study in Spain.