

## Education

### University of Pennsylvania, School of Engineering & Applied Science, Philadelphia PA

- B.S.E in Computer Engineering with minor in Engineering Entrepreneurship, May 2013
- Cumulative GPA: 3.29
- Relevant Coursework: Computer Architecture, Java & Python, Embedded Systems, Digital Logic, Circuits & Systems, Digital Audio, Engineering Entrepreneurship, New Product Development, Mechanical Prototyping, Nanotechnology, Calculus III, Probability, Discrete Math

### The Haverford School, Haverford PA

- Cumulative GPA 4.0, inducted into the Cum Laude Society (top 7% of class)
- Relevant Activities: President and Chief Programmer of the Haverford FIRST Robotics Team ('07-'09), SAAST Robotics Program at The University of Pennsylvania ('07)

## Work Experience

- **Social Media Application—"Instantly Together"** Sept 2010 – May 2011  
Co-founder and Programmer. This smartphone application allows friends to quickly coordinate last minute activities by telling you which of your friends are free. Developed the backend in Django.
- **Kod\*lab Robotics Lab, University of Pennsylvania** Summer 2010  
Paid Internship. Implemented a GPS plotting system in the open source map-caching program GMapCatcher. The system tracks lab robots on a satellite map. (Python, GTK, and Dynamism)
- **Implementation of Computation Lab, University of Pennsylvania** Summer 2008  
Computed area-delay tradeoffs of nano-programmable logic arrays. (Java)

## Personal Projects

- **WiiConductor(.com):** Conduct the tempo and the volume of a piece with a Wii Remote. May 2011  
Have the power of an orchestra at your fingertips. Built at TechCrunch Disrupt. (Java)
- **www.git.to/events:** Calendar of CIS events at Penn made from scratch in Django. April 2011
- **FindMeFor:** Project kick-started at Philly Startup Weekend with 3 other programmers. Jan 2011 - Present  
A mobile based contacts app. Enables users to find people based on when and where you met them.
- **www.gkcd.info** Dec 2009  
Created a Google search site that displays the most recent XKCD; a minimalist fan homepage.
- **Staples Invention Quest Competition** March 2007  
One of fifteen semi-finalists of 4000 participants for the design of the "Whelex" desk organizer.

## Technical Expertise

- Python, C, Java, LabVIEW | Django, Google App Engine | HTML, CSS, JavaScript

## Leadership & Extracurriculars

- **PennApps:** Semi-annual Mobile Apps Hackathon, Co-organizer Winter 2010 - Present
- **The Dining Philosophers:** Penn's Computer Science Group, Board Member Winter 2010 - Present
- **Up On Stage:** Penn's Monthly Open-Mic, Co-Organizer and System Administrator Fall 2010 - Present
- **Philadelphia Immigrant Mentoring Collaborative:** Summer English tutoring Winter 2009 - Present  
Program geared towards immigrant youth, Co-Founder & Organizer
- **Chinese Students' Association:** Community Service Chair Winter 2009 – Spring 2011
- **Music Composition:** PA Music Teachers Composition Competition, 1<sup>st</sup> Place Winner ('07) 2004 – Present