

## Education

May 2012 **Franklin W. Olin College of Engineering**, Needham, MA,  
Candidate for BS in Electrical and Computer Engineering, GPA 3.4 .

## Experience

- Summer 2011 **Google**, *Software Engineering Intern*, Mountain View, CA.  
📄 <http://music.google.com>  
- Built front-end features for Google Music (early stage rich internet application).
- Summer 2010 **OpenPlans**, *Transit Software Engineering Intern*, New York, NY.  
- Created the external-facing website 📄 [Opentripplanner.com](http://Opentripplanner.com), leading to a \$125K contract this October.  
- Produced data-processing workflow to digest transit system maps into geo-spatial data (KML).
- Fall 2009 **Olin College**, *System Programming and Wiring*, Needham, MA.  
📄 <http://bluefoamcnc.com>  
- Team of five built 2-axis CNC machine to cut detailed styrofoam shapes from DXF (cad) or SVG input.  
- Wrote DXF/SVG interpretation software and path processing.
- Summer 2008 **Alight Learning (startup)**, *Front-end Software Developer*, Needham, MA.  
📄 <http://alightlearning.com> Demo: 📄 <http://alpha.alightlearning.com>  
- Team of three built Alight rich internet courseware front-end (ExtJS).  
- Met frequently with teachers (users) to revise design and develop iteratively.

## Open Source Projects

- 2010 - Present **Fedora and EtherPad**, *Fedora Activity Day at Olin*.  
Two day hackathon at Olin College. to cleanup Etherpad codebase and introduce student to Open Source community. Coders from Red Hat, ITA, and Goldman Sachs. 📄 <http://bit.ly/etherpadfad>  
- Outcome: 7 new packages, 25+ license inspections, excise of 2 non-free libraries, 20 students taught git.
- 2010 - Present **OpenTripPlanner**.  
Commit user interface fixes to OpenTripPlanner (<http://opentripplanner.com>) and field suggestions on dealing with browser compatibility.
- April 2009 **GuruFest lecture series**.  
Organized One Laptop Per Child "GuruFest" mini-lecture series . Brought OLPC/Sugar Labs employees to speak about work and volunteer opportunities.

## Skills

Web	MVC, XPath, XSLT, CSS, JS, Soy, SQL	Linux	Bash scripting, Make, Vim =P
Dynamic Typing	Python, PHP, Scheme	Version Control	SVN, Hg, Git
Static Typing	C, C#, Java	Frameworks	MVC, Cake, ExtJS, Swing
Misc	Vector graphics, User Design	Machining	Lathe, Mill (2 axis CNC), Vacuum