

# Michael Lee

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## EDUCATION

**Illinois Institute of Technology** ...📍 Chicago, IL  
Bachelors of Science in Physics May 2015  
Heald Scholarship • University Scholarship  
Dean's List (3 semesters)

## LANGUAGES

**Proficient in Javascript & Python.**  
**Practical knowledge of Ruby, C, and Java.**

<b>Relevant Concepts</b> OOP. AJAX. REST. DIRT. TDD.	<b>Preferred Stack</b> Nodejs + Express + MongoDB
<b>Professional Interests</b> Real time applications & computational science.	

## EXTRA - CURRICULAR

**Chicago Public Schools** ...📍 Chicago, IL  
Program Instructor May 2012 - Aug 2012  
Designed and facilitated mathematics and science activities for low income CPS students in the Skyway Network summer enrichment program.

**Americorps VISTA** ...📍 Anchorage, AK  
Summer Associate Team Leader May 2011 - Aug 2011  
Worked with the Older Persons Action Group (OPAG), a senior advocacy non-profit organization, to raise funds to support their CNA training program. Networked with organizations and businesses and raised over \$2,000 through a hosted event.

Other details available on request

## PROJECTS

**Pretty Simple Publisher**  
➔ <https://github.com/vlmlee/PSPublisher>  
A nodejs module for automatic and asynchronous CRUD on a mongo database.

**PictureChat**  
➔ <https://github.com/vlmlee/PictureChat>  
Simple chat application with pictures. Utilizes nodejs, socket.io, jQuery, HTML, and CSS.

### - - DESIGN - -

**SoftColors**  
➔ <https://www.softcolors.io>

**What Angle Is It?**  
➔ <https://www.whatangleisit.com>  
Single page applications utilizing nodejs, express, jQuery, HTML, and CSS.

**Houses On Trees**  
➔ <https://www.housesontrees.com>  
Prototype of an ecommerce rails application. Built from scratch. Uses Ruby on Rails, Unicorn, PostgreSQL, OAuth, and Capistrano.

**Alaska Environmental Health Laboratory** ...📍 Anchorage, AK  
Intern Nov 2008 - Mar 2009  
Chosen as part of the gifted mentorship program in the Anchorage School District. Worked in a professional laboratory setting and learned standard testing and data collection methodology.

## NOTABLE ACHIEVEMENTS

**StartupIT Hackathon** ...📍 Chicago, IL  
May 2015: 2nd Place; Team *meHungry*  
12 hour hackathon. Worked with a team of 5 on a service which sought to deliver food made by private chefs.

**TechNexus MonkeyBars Openbuild Hackathon** ...📍 Chicago, IL  
Feb 2015: 1st Place; Team *Change*  
24 hour hackathon. Worked with a team of 6 to develop a platform that would allow donations through spare change.

**Illinois Institute of Technology Undergraduate Mathematics Competition** ...📍 Chicago, IL  
Feb. 2012: 1st Place

**COMAP Mathematical Contest in Modeling**  
2012 Paper: *Camping Along Big Long River*, Successful Participant  
2011 Paper: *Optimization of Half-Pipe Course Design For Maximizing Vertical Air And Twist Through Conservation Of Energy And Path Selection*, Honorable Mention

**Intel International Science and Engineering Fair** ...📍 Reno, NV  
2009 Alaska State Finalist (1st Place); Project: *A Heuristic Study in Fluid Particle Physics*