Michael **Lee**

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EDUCATION

Illinois Institute of Technology
Bachelors of Science in Physics
Heald Scholarship • University Scholarship
Dean's List (3 semesters)

Chicago, IL
May 2015

SKILLS

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

Relevant Concepts
OOP. AJAX. REST. DIRT. TDD.

Preferred Stack
Nodejs + Express + MongoDB

Professional Interests
Real time applications & computational science.

EXTRA-CURRICULAR

Chicago Public Schools
Program Instructor
Designed and facilitated mathematics and science activities for low income CPS students in the Skyway Network summer enrichment program.

Chicago, IL
May 2012 - Aug 2012

Americorps VISTA
Summer Associate Team Leader
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.

Anchorage, AK
May 2011 - Aug 2011

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
➥ http://www.softcolors.io

What Angle Is It?
➥ http://www.whatangleisit.com
Single page applications utilizing nodejs, express, jQuery, HTML, and CSS.

Houses On Trees
➥ http://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
Intern
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.

Anchorage, AK
Nov 2008 - Mar 2009

NOTABLE ACHIEVEMENTS

StartupIIT 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*