

EDUCATION

Dartmouth College - Hanover, New Hampshire
BA: Major in Computer Science, Minor in Film & Media Studies

Anticipated June 2015

Horace Greeley High School - Chappaqua, New York
Cum Laude Society, National Merit Finalist, AP Scholar with Distinction

June 2011

PROJECTS

DARTplan

Course planner webapp—built with Python microframework, Flask—that provides a clean and simple interface for students to search for and outline their classes. Over 1,400 Dartmouth students have used the site to plan their course selection.

mapd

iOS photomapping app for Dartmouth students to share events around campus. Created as a 4-person, 10-week project in "COSC 69 - Topics in Computer Systems." Focused primarily on building out the front-end using Xcode.

SVN Comet

Multiplayer physics game written in C. Developed over 3-weeks on a 4-person team for "COSC 50 - Software Design and Implementation." Received special recognition from professor for acting as "an outstanding leader" on the project.

WORK EXPERIENCE

KAYAK - Concord, MA
Software Engineering Intern

Spring 2014 – Present

- Streamline account manager workflow with AngularJS redesign of the ad campaign management portal, including developing bookmarks, changes history and other usability improvements

The Dartmouth, Inc. - Hanover, NH
Technology Director

Fall 2013 – Present

- Doubled homepage click-through rate through implementing responsive design features and other Javascript enhancements
- Contributed to highest-grossing issue in five years by creating site for parents of graduating students to upload commemorative ads for their new grads
- Established collaborative workflow, using Git and MAMP, to ease staff contributions to the PHP site and introduce real-world web development practices through hands-on tasks

ZenPayroll - San Francisco, CA
Software Engineering Intern

Winter 2014

- Eliminated monthly, three-day billing process by building a full Rails/Backbone.js site for accountants in the referral program to track referred companies and bill them directly
- Simplified fraud detection, expanded support for auto-payroll, and tweaked the user experience by squashing various bugs and adding other minor features

LEADERSHIP EXPERIENCE

Zeta Psi Fraternity
Vice President

Spring 2013 - Present

- Coordinate housing assignments and conduct executive meetings

Dartmouth College, Department of Computer Science
Recitation Leader

Winter 2013

- Led recitation sections and lab hours for "Introduction to Programming and Computation"

SKILLS

Proficient

Python
Java
AngularJS

Experienced

Javascript
HTML/CSS
C

Familiar

Backbone.js
Flask
Ruby on Rails