Alex Gerstein

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EDUCATION

Dartmouth College - Hanover, New Hampshire **Anticipated June 2015**
BA: Major in Computer Science, Minor in Film & Media Studies

Horace Greeley High School - Chappaqua, New York **June 2011**
Cum Laude Society, National Merit Finalist, AP Scholar with Distinction

PROJECTS

DARTplan
Course planner webapp—built with Python microframework, Flask—that provides clean and simple interface for students to search for and schedule classes. Over 1,400 Dartmouth students have signed up.

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

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

WORK EXPERIENCE

KAYAK - Concord, MA
Software Engineering Intern **Spring 2014 – Present**
- Streamline account manager workflow with AngularJS redesign of ad campaign management portal, including developing bookmarks, changes tracker for edit fields and other usability improvements

The Dartmouth, Inc. - Hanover, NH
Technology Director **Fall 2013 – Present**
- Doubled homepage click-through rate through experimenting with responsive design features and other Javascript enhancements
- Contributed to highest-grossing issue in five years by building special issue landing page and site for parents to upload commemorative ads for graduating students
- Established collaborative workflow, using Git and MAMP, to simplify staff contributions to PHP site and introduce real-world web development practices

ZenPayroll - San Francisco, CA
Software Engineering Intern **Winter 2014**
- Eliminated monthly, three-day billing process by building full Rails/Backbone.js site for accountants in referral program to track referred companies and provide direct billing
- Improved fraud detection, expanded support for auto-payroll, and tweaked user experience by squashing various bugs and adding other minor features using test-driven development

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	Experienced	Familiar
Python	Javascript	Backbone.js
Java	HTML/CSS	Flask
AngularJS	C	Ruby on Rails