

# Alex Gerstein

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## EDUCATION

**Dartmouth College** - Hanover, New Hampshire **Anticipated June 2015**  
*Bachelor of Arts: Major in Computer Science, Minor in Film & Media Studies*  
*Citation for Academic Excellence: Computer Science 50*

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

## WORK EXPERIENCE

**KAYAK** - Concord, MA **Summer 2014**  
*Software Engineering Intern*

- Led company-wide transition to AngularJS with complete UX/UI redesign of ad management console for account managers
- Improved user experience by implementing tools for bookmarking placements and analyzing outcomes of recent changes

**ZenPayroll** - San Francisco, CA **Winter 2014**  
*Software Engineering Intern*

- Eliminated monthly, three-day billing process by building full Rails/Backbone.js site for accountants in referral program to track referred companies and automate 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

**The Dartmouth, Inc.** - Hanover, NH **Fall 2013 – Present**  
*Technology Director*

- Doubled homepage click-through rate through experimenting with responsive design features and other Javascript enhancements
- Built special issue landing page and site for parents to upload commemorative ads for graduating students, accounting for \$8,000 to highest-grossing issue in five years
- Established collaborative Git workflow to simplify staff contributions to PHP site and introduce real-world web development practices

**Dartmouth College, Department of Computer Science** **Winter 2013**  
*Recitation Leader*

- Led recitation sections to teach basic algorithms and data structures to students enrolled in “Introduction to Programming and Computation”
- Helped students with projects, exam review and assignments during weekly lab hours

## PROJECTS

<b>DARTplan</b> Course planner webapp for Dartmouth students. Built using Python microframework, Flask. Although project primarily served as motivation to learn Javascript and RESTful APIs, it currently has over 1,400 registered users.	<b>SVN Comet</b> Multiplayer physics game developed in C over 3 weeks on 4-person team for “COSC 50 - Software Design and Implementation.” Received citation for academic excellence from professor for acting as “an outstanding leader.”	<b>mapd</b> 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 front-end work using Objective-C in Xcode.
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## LANGUAGES

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