

KATHRYN SIEGEL
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EDUCATION	Massachusetts Institute of Technology Cambridge, MA
Class of 2016	GPA: 5.0 Intended major: Computer Science and Engineering (Course 6-3) Selected coursework: Algorithms I&II, Advanced Data Structures, Elements of Software Construction, Software Studio I, Computation Structures, Statistics, Machine Learning, Computer Systems Current coursework: Performance Engineering of Software Systems, Database Systems
SKILLS	Languages: Python, Javascript, Java, Objective C, C, Ruby, HTML, CSS Experience with: Flask, iOS/cocos2D/Core Data, Rails, Node.js, Hadoop, Git, various APIs
EXPERIENCE	<div><div>Dropbox San Francisco, CA <i>Intern, Mailbox Team</i> June 2014 – August 2014 Prototyped and implemented features in Mailbox iOS app. Hack Week “#SHIPIT” award winning team for Drops, write-only shared folders for content collection.</div><div>Trust Center for MIT Entrepreneurship Cambridge, MA <i>Full-stack freelance web developer</i> September 2013 – May 2014</div><div>Square San Francisco, CA <i>Intern, Information Security team</i> June 2013 – August 2013 Developed an internal tool that displays security data from Hadoop. Contributed to open-sourced internationalization software project Shuttle.</div></div>
SELECTED PROJECTS	<p>nunchuck.js – Open-sourced library for real-time hardware data synchronization between mobile and desktop browsers. Demos include 2-player Mario Kart and n-player plane battle game with a mobile web controller interface. 2nd place winner at YCHacks.</p> <p>Kobal – Chrome extension allowing publicly sharing comments on text on the web and tipping with Bitcoin. Winner of A16Z’s Battle of the Hacks.</p> <p>EDUvote – Turning Point Clicker replacement software; facilitates real-time student feedback to class questions using text messaging (Twilio API); implements student analytics, lesson plans, and a gradebook module – won “first place” in 6.170 end-of-term competition.</p> <p>VenMoMoney – Venmo app for Pebble. Won Venmo API prize at PennApps Spring ‘14.</p> <p>Instant messaging client/server – Focused on concurrency and global consistency. Won “best overall” in 6.005 end-of-term competition.</p>
TEACHING	<div><div>6.170: Software Studio Fall 2014 Advanced software lab, taught using Node.js</div><div>6.670: iOS Game Design and Development January 2013</div></div>
LEADERSHIP	<div><div>HackMIT 2012 – present <i>Director</i> HackMIT is MIT’s largest hackathon (>1000 attendees, >60 sponsors)</div><div>Rough Draft Ventures 2013 – 2014 <i>Partner</i> Evaluating and funding student ventures in the Boston/Cambridge area.</div></div>