## KATHRYN SIEGEL

katiesiegel.info github.com/kathrynsiegel ksiegel@mit.edu // 408-691-8871

Massachusetts Institute of Technology EDUCATION

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 Dropbox San Francisco, CA

Intern, Mailbox Team

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.

Trust Center for MIT Entrepreneurship

Cambridge, MA

September 2013 – May 2014

Full-stack freelance web developer

Square Intern, Information Security team

San Francisco, CA June 2013 – August 2013

Developed an internal tool that displays security data from Hadoop.

Contributed to open-sourced internationalization software project Shuttle.

SELECTED **PROJECTS**  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. 2<sup>nd</sup> place winner at YCHacks.

Kobal - Chrome extension allowing publicly sharing comments on text on the web and tipping with Bitcoin. Winner of A16Z's Battle of the Hacks.

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.

VenMoMoney – Venmo app for Pebble. Won Venmo API prize at PennApps Spring '14.

Instant messaging client/server – Focused on concurrency and global consistency. Won "best overall" in 6.005 end-of-term competition.

TEACHING 6.170: Software Studio Fall 2014

Advanced software lab, taught using Node.js

6.670: iOS Game Design and Development

January 2013

**HackMIT** LEADERSHIP

2012 – present

Director

HackMIT is MIT's largest hackathon (>1000 attendees, >60 sponsors)

**Rough Draft Ventures** 

2013 – present

Partner

Evaluating and funding student ventures in the Boston/Cambridge area.