Xiaoxue**Liu**
(Sarah)

contact

229 Vassar Street
Cambridge,
Massachusetts
02139

(515) 724-8714

x.sarah.liu@gmail.com

relevant coursework

6.046 Algorithms
6.170 Software Studio
6.005 Elements of
Software Construction
6.036 Machine
Learning
18.440 Probability
18.03 Differential
Equations

programming

Java, Python,
JavaScript, jQuery,
HTML/CSS

skills

Photoshop, Illustrator

languages

Mandarin Chinese

education

2012-2016	**Massachusetts Institute of Technology**	Cambridge, Massachusetts
	Bachelor of Science in Computer Science	
	With humanities concentration in Chinese.	
	GPA 4.7/5.0	
2008-2012	**Central Academy**	Des Moines, Iowa
	GPA 4.0/4.0	

work experience

Summer 2014	**DIRECTV**	El Segundo, California

Software Engineer Intern
Implemented using Java and shell scripting a new strategy for deploying text plugins in the UI and help menus. Greatly improved the turnaround time for text updates. Designed and developed an intuitive user application to automatically handle the updating and creation of new text plugins. Worked with embedded software; inherited a large code base.

Spring 2014	**MIT Media Lab**	Cambridge, Massachusetts

Undergraduate Researcher
Worked on Build in Progress, a platform to document and share design projects. Developed the backend to an iOS mobile application in Objective C. Integrated the mobile application with the existing website.

Summer 2013	**MIT Space Systems Lab**	Cambridge, Massachusetts

Undergraduate Researcher
Worked on Zero Robotics (ZR), a robotics programming game and competition for middle and high school students. Implemented game functions and standard players in C++. Worked as the technical contact for middle schools participating in the ZR summer program.

activities

2013-present	**MIT Technique**	Cambridge, Massachusetts

Managing Editor
Managed the staff and finances of the yearbook, photography, and design club. Secured and distributed paid photograph jobs to staff members. Handled budget of $90,000, and managed staff of 150.

2013-present	**TIMtalks**	Cambridge, Massachusetts

Communications Director
Created and distributed print and digital publicity materials. Maintained external media communications. Promoted presence of TIMtalks on campus.

interests

professional: web design, graphic design, mobile development
personal: photography, tennis, dance, guitar