

# Kimberli Zhong

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## Education

**Student** – Massachusetts Institute of Technology (2014-2018)

Computer Science & Engineering, 5.0 GPA

6.006 → Intro to Algorithms  
6.005 → Software Construction  
6.042 → Math for CS

6.01 → Intro to EECS  
18.03 → Differential Equations  
6.179 → Intro to C/C++

6.004 → Computation Structures  
6.170 → Software Studio  
6.034 → Artificial Intelligence

## Work

**Engineering Practicum Intern** – Google (Summer 2015)

- Developed an Android app for benchmarking Android libraries using Java and C++
- Built a test system that runs automatically and tracks historical data using Python, Flask, Angular

**Software Development Intern** – fxdgr (January 2015)

- Developed asynchronous collaborative editing web application using SQLite, Tornado, JavaScript

**Cybersecurity Intern** – Naval Postgraduate School Center for Cyber Warfare (Summer 2013)

- Investigated Windows operating system security
- Used the C++ programming language to write and test malware

## Engineering

**Student** – MIT 6.170 Software Studio (Fall 2015)

- Received top 10 overall grade in class about fundamentals of software construction using web technologies
- Best Feature Set – final class project; built a real-time group note-taking app built with Node.js, Angular

**Competitor** – MIT 6.470 Web Programming Competition (January 2015)

- Worked with a team of two other freshmen on a web app for academic competition preparation
- Most Responsive Design & 4th Place – Main Division

**Captain** – Robotics competition teams 5327C & 5327A (2011-2014)

- Led 10-member team in designing, building, programming, and testing a VEX competition robot
- Division Champion (2014) & Judges' Award (2013) – VEX World Championship

**Developer** – Robotics engineering notebook website (2013-2014), robotics scouting database app (2013)

- Implemented online system for keeping track of robotics team meetings based on MediaWiki
- Led team in creating internationally recognized robotics scouting database using MySQL, PHP

## Leadership

**Co-Director & Organizer** – HackMIT (2014 & 2015), Blueprint (2015)

- Lead organizing team of 25 students for HackMIT, a 1000-person collegiate hackathon, and Blueprint

**Student Partner** – Rough Draft Ventures (2015-2016)

- Meet with Boston-area student startups & contribute to investment decisions (up to \$25k)

**Teaching Staff** – MIT 6.470 Web Programming Competition (2015)

- Help organize and teach month-long MIT class & competition where students learn to use web technologies

## Skills

Python, Java, Node.js, AngularJS, JavaScript, Flask, MongoDB, PHP, MySQL, CSS, C, C++, Git, LaTeX