

# Kimberli Zhong

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## Education

### **Massachusetts Institute of Technology**

2014-2018

B.S. in Computer Science & Engineering, 5.0/5.0 GPA

- *Selected Courses:* Intro to Algorithms, Software Construction, Computation Structures, Software Studio, Artificial Intelligence
- *Current Courses:* Algorithm Design, Computer System Engineering

## Work

### **Google** – Engineering Practicum Intern

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

### **fxdgr** – Software Development Intern

January 2015

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

### **Naval Postgraduate School** – Cybersecurity Intern

Summer 2013

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

## Engineering

### **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

### **MIT 6.470 Web Programming Competition**

January 2015

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

### **VEX Robotics Competition**

2011-2014

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

### **Robotics Application Development**

2013-2014

- 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

### **HackMIT & Blueprint** – Co-director & Organizer

2014-now

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

### **Rough Draft Ventures** – Student Partner

2015-now

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

### **MIT 6.470 Web Programming Competition** – Teaching Staff

2015-now

- 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,  $\text{\LaTeX}$