

Kimberli Zhong

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Student — Massachusetts Institute of Technology (2014-2018), *5.0 GPA in Computer Science & Engineering*

Relevant Coursework

**in progress*

- 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 Experiences

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 on the web 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 Experiences

Student Researcher — MIT Media Lab Human Dynamics Group (2015)

- Create open-source behavioral dynamics data collection platform using Flask & D3.js
- Design algorithms to analyze human interactions and server endpoints to gather data

Competitor — MIT IAP Web Programming Competition (2015)

- Worked with a team of two other freshmen on fleekon.me, a web app for academic competition preparation
- Used Node.js, AngularJS, MongoDB
- *Most Responsive Design & 4th Place Winner* - Main Division (2015)

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

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

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

Creator — typID keystroke dynamics authentication system (2014)

- Built keystroke biometrics web application for preventing academic plagiarism as hackathon project
- *Best Education App* - HSHacks (2014)

Leadership Experiences

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

- Lead organizing team of ~20 students for HackMIT, a 1000-person collegiate hackathon

Student Partner — Rough Draft Ventures (2015)

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

Skills

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