

# Kimberli Zhong

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## Education

### Massachusetts Institute of Technology

2014-2018

B.S. & M.Eng. in Computer Science & Engineering

GPA: 5.0/5.0

> 6.869 // Computer Vision	> 6.824 // Distributed Systems	> 6.046 // Algorithm Design	> 6.034 // Artificial Intelligence
> 6.858 // Computer Security	> 6.172 // Performance Engineering	> 6.036 // Machine Learning	> 6.033 // Computer Systems
> 6.828 // Operating Systems	> 6.170 // Software Studio	> 6.035 // Dynamic Language Eng.	> 6.148 // Web Programming Comp.

## Engineering

### MIT CSAIL // Research Assistant

2017-2018

- > Investigated computational generation and style transfer of vector graphics
- > Modeled vector font glyphs with a variational autoencoder architecture using TensorFlow
- > Built tooling for crowdsourced data annotation & analysis on Amazon Mechanical Turk

### Affirm // Software Engineering Intern

Summer 2017

- > Built data pipeline monitoring and visualization tooling on Risk Engineering team using Python
- > Added semantic schematization in pipeline to improve data integrity

### Jane Street Capital // Software Engineering Intern

January 2017

- > Contributed to financial market trading infrastructure using OCaml

### Airbnb // Software Engineering Intern

Summer 2016

- > Worked on government ID image processing on the Trust team using Tesseract, Ruby on Rails, and OpenCV
- > Developed service to preprocess image and determine ID image quality

### Google // Engineering Practicum Intern

Summer 2015

- > Created 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

## Leadership

### Greylock X // Fellow

Summer 2017

### KPCB Fellowship // Engineering Fellow

Summer 2016

### HackMIT & Blueprint // Co-director

2014-2016

### Rough Draft Ventures // Student Partner

2015-2016

## Awards

### MIT 6.170 Software Studio // Top 10 Overall Grade, Best Feature Set

Fall 2015

### MIT 6.148 Web Programming Competition // 4th Place, Most Responsive Design

January 2015

## Teaching

### MIT 6.031 Elements of Software Construction

Spring 2017 & Fall 2017

### MIT 6.148 Web Programming Competition

January 2016

## Skills

Python, C/C++, Java, JavaScript, Rails, Flask, Node.js, MongoDB, SQL, CSS, Git,  $\text{\LaTeX}$