

ANDREW XIA

axia-github@mit.edu ♦ <http://qandrew.github.io> ♦ <http://github.com/qandrew>

Address and Phone Number not shown on Public Resume

EDUCATION

Massachusetts Institute of Technology

Class of 2017

Candidate for BS in Mathematics and Computer Science (18C) · GPA: 4.5/5.0

Cambridge, MA

Selected Coursework: Applied Discrete Math, Modern Algebra, Real Analysis, Algorithms I & II, Computational Structures

Peking University

Fall 2015

Study Abroad Semester, upcoming!

Beijing, China

The Rivers School

Class of 2013

Awards: Cum Laude Society, High Honor Roll · GPA: 4.0/4.0

Weston, MA

WORK EXPERIENCE

Pupil Labs

Summer 2015

Software Engineer Intern

Berlin, Germany

- Improved company's pupil detection software by implementing 3D eye tracking algorithm
- Assisted assembly of pupil headsets, contributed to design of new website

VISA

Summer 2014

Software Engineer Intern

San Francisco, CA

- Intern at Visa Labs Incubator division, designed backend for new payments website (undisclosed work)
- Presented demo of augmented reality payments system to *board of directors* at end of internship

AG Mednet

Summer 2013

Software Engineer Intern

Boston, MA

- Developed an approximate string matching algorithm in Java that optimized search through company database
- Decreased search time inside database by 80% over previous search tool

MIT PRIMES

January 2012 - December 2012

High School Researcher

Cambridge, MA

- Research in techniques dealing with incomplete cancer data, low-rank matrix recovery
- Research Paper accepted to 2013 JMM Conference in San Diego, CA

ACTIVITIES AND LEADERSHIP

- **Undergraduate Math Association** Secretary *2015 - pres.*
- **MIT Tour Guide** Also dressed up as **Tim the Beaver!** *2014 - pres.*
- **Amphibious Achievement** Director of Program Evaluation, Swim Coach, Academic Mentor *2013 - pres.*
- **Pi Lambda Phi Fraternity** Vice President, Scribe, Community Relations Chair *2013 - pres.*
- **Class Council** 11th Grade Class President *2011 - 2012*

SKILLS AND INTERESTS

Computer Languages

Python, Java, HTML, Git

Human Languages

English, Chinese, German, Japanese

Interests & Hobbies

Planespotting, Skiing, Photography, Reading, Writing, Traveling & Living Abroad

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Please do visit my website to get to know me better. On a side note, I highly recommend reading *The Fountainhead* by Ayn Rand. Have a nice day!