Lucy Shen

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EDUCATION

- Wellesley College (2013 – Present)
  BA Degree: Anticipated 2017 | Major GPA: 4.0 /4.0
  Major: Computer Science | Minor: Economics
  - *Relevant coursework:* Data Structures | Multimedia Design and Programming | Computer Science and the Internet | Combinatorics and Graph Theory | Theory of Programming Languages | Languages and Automata | Intro to Probability and Statistics
  - Mission San Jose High School Class of 2013 (2009 – 2013)
- Massachusetts Institute of Technology (January 2015) – 6.470/6.148 Web Programming Competition
- Oxford University, Worcester College (2015 September Seminar and Michaelmas term)
  - *Relevant coursework:* Databases | Design and Analysis of Algorithms

WORK EXPERIENCE

- Engineering Practicum Intern at Google (May 2015 – August 2015, 12 weeks)
  - Designed and implemented APIs for Google Play Search and Discovery to streamline application cluster management using Java, RPC, Stubby, and Bigtable. Wrote unit tests in Mockito with 85%+ code coverage.
  - Designed and implemented a web application for the Google Play merchandising team to review algorithmic proposals to optimize pool performance and improve the app discovery experience. Used Python, Django, HTML/CSS, JavaScript, and BigTable.
- Undergraduate Researcher with MIT AeroAstro Department (February 2015 – May 2015)
  - Twitter research of astro agency and astronaut Twitter accounts: scraped for data in Python using the Twitter REST and Streaming APIs; managed and visualized the data using Python and D3.js.
- Undergraduate Researcher with Wellesley College CS Department (September 2014 – May 2015)
  - Created D3.js visualizations of Wellesley College data under the guidance of Professor Eni Mustafaraj.

PROJECTS

- Voicechat web app for insomniacs [Shleep](#)
  - Full-stack developer and project lead, project group of 3, built for MIT IAP 2015 6.470 (Web Programming Competition)
- Gamification Productivity web app [GSD - Get Stuff Done](#)
  - Web designer and front-end developer, project group of 10 including 5 business-side
- Portfolio website for [Sam Wu](#)
  - Designed and programmed with a partner for Computer Science and the Internet Course
- My portfolios (linked): [Photography](#) || [Videography](#)

LEADERSHIP EXPERIENCE

- [Wellesley Wushu](#) Publicity Chair and Webmistress (2013 – 2015)
  - Organized publicity campaign for annual Wushu show, managed the website
- [MIT/Wellesley Toons](#) Business Manager, CD Manager, Publicity Chair, Treasurer (2013 – 2015)
  - Planned biannual show logistics and publicity campaign, organized CD recording and production
- [Wellesley College TV](#) Anchor and Tech Ops (August 2013 – May 2014)
  - Filmed and edited segments for bimonthly episode, performed on-camera as anchor.

COMPUTER SKILLS

- Proficient coding languages: Java, Javascript/jQuery, HTML, CSS, Python, Lingo
- Programs: Adobe Director, Adobe Suite (Audition, Premiere Pro, Photoshop, Illustrator), Final Cut Pro, Avid Media Composer