Victoria Gong

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Education

Massachusetts Institute of Technology GPA: 5.0/5.0   Sep '12 – Jun '16
Candidate for B.S. in Computer Science and Comparative Media Studies
Related coursework: Advanced Algorithms – Software Studio – Computational Structures – User Interface Design – Algorithms – Software Construction – Intro. to Electrical Engineering and Computer Science – Designing Interactions w/ Google Glass

Stuyvesant High School GPA: 96.2/100 SAT: 2340/2400   Sep '08 - Jun '12
Related coursework: Systems Programming – Computer Graphics – Computer Science Java – Microeconomics –Macroeconomic

Experience

Pinterest, Software Engineer Intern on Growth Team   Summer '14
- Conducted email experiments and implemented end-to-end data-backed emails that targeted 30 million users each – increased various metrics including +27%, 9% in Web DAU, +49% repinning for dormant users of the experiment.
- Last 2 wks -- Implemented redesign of notifications for web. Fully implemented a new feature (News notifications) for web.

Disney Interactive, Software Engineer Intern on Search Team   IAP – Jan '14
- Learned web programming (JavaScript, jquery, mustache) on the job to create a website interface to represent json data in order to prototype video user customization.
- Added a new feature for Disney.com search results to show content given empty search results for bigger user experience.

DIRECTV, Inc., Software Engineer Intern   Summer '13
- Developed algorithms and completely implemented an analytical tool that parsed through a code base > 1m lines of code to map text strings with corresponding TV screens.
- Expanded accuracy of searches and updates of the text database and allowed for dynamic text.
- Presented project to executives, and won top three in competition among engineering department.

MIT CSAIL (Computer Science and Artificial Intelligence Laboratory), Researcher   Feb'13 – Jun'13
- Worked with Erik and Martin Demaine on a computational geometry project.
- Created algorithms to animate an alphabet pattern for computational glassblowing designs based on triangular hinged dissection.

Toys By Teens, Founding Member, Consultant   Aug'10 – Dec '12
Not for profit toy company run by teens to promote entrepreneurship
- Ran and started company with the creator of Connect Four, Dr. Howard Wexler.
- Made executive decisions in toy development while leading market research, business planning, and package design.
- Pitched product to FAO Schwartz, and Goldman Sachs.

Highline Venture Partners, Software Engineer Intern   Summer '12
- Assisted in investment evaluations of inventions and ideas with venture capitalist, Shana Fisher
- Worked in *Fashion GPS* where I aided in database creation and coordinated structure for fashion calendar website.
- Learned PHP, HTML, and MySQL on the job to create test queries, and web-based graphs and images for *Fashion GPS*

Leadership

MIT Women's Volleyball Club, Executive member and Treasurer   Feb '13 – present
- Makes executive decisions about the club's direction, events and goals.
- Manages financial functions such as overseeing accounts, balance, and fund allocation.

Chinese Students Club, Executive member and Historian, Social Chair   Mar '13 – present
- Leads and plans logistics for social and cultural events catering to 200+ members
- Organizes, plans and executes both Boston-wide and inner social events, including Boston's biggest pan-Asian boat cruise event catering to 900+ people

Awards

6.170 Software Studio Final Project Award-Best Design (2014)
Category Winner MIT-Harvard Startup Bash (2013)
Winner of J.P.Morgan Code For Good Hackathon (2013)
2nd place among engineering competition DTV interns (2013)
Winner of MIT Four Consulting Case Competition (2013)
Winner of Banneker/Key Scholarship (2012)
Winner of NSLI-Y Scholarship (2011)
Silver Medalist for GM New York Math Fair (2009)

Technical Skills

Languages: Python, Java, JavaScript, HTML, (CSS), C
Frameworks/etc.: Node.js, Express, Angular, Jade, Handlebars, Mustache, Sass,
Technologies: Google GDK, Android SDK (l*)
Programs: git, sublime, vim, Eclipse, SVN, MySQL
Data: Hive, Qubole, general SQL, Redshift
Design: Photoshop, Adobe Premier, Typography
Note: l* stands for learning in progress