**School Address:** 

# **Mary Ann Jin**

**Home Address:** 

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#### **Education**

# Massachusetts Institute of Technology (MIT)

Cambridge, MA

Candidate for B.S. in Computer Science and Engineering, GPA: 5.0

June 2016

• Relevant coursework: Intro to EECS I/II, Intro to Algorithms, Math for CS, Elements of Software Construction, Artificial Intelligence, Software Studio, Design and Analysis of Algorithms

# Work Experience

# **Internet Business Japan - HWC**

Tokyo, Japan

Web Engineer Intern

May - Aug. 2014

- Created a summer themed game for the company mascot
- Designed/developed using Adobe Illustrator, HTML5, JavaScript(jQuery/EaselJS), PHP, SQL
- Available at: https://www.hwc.jp/games/suika/game.html
- Created an internal Google Maps app for displaying client locations and information
- Developed using HTML/CSS, JavaScript (jQuery/Google Maps API), PHP, SQL

### **IBM**

# Durham, NC (on-site) / Cambridge, MA (remote)

Software Developer Intern

May 2013 – May 2014

- Created a plugin to integrate external cloud-based video asset selection into IBM product
- Worked mainly in JavaScript (Dojo), HTML/CSS, and JSP, modified some backend Java
- Presented to team, product manager, program director, and marketing manager
- Continued remotely during school year in junction with team to create production version
- Plugin deployed with newest version of product

IBM Durham, NC

Software Engineer Intern

June – Aug. 2012

- Created a web plugin from which internal database tables could be viewed and edited
- Worked mainly with JavaScript (Dojo), HTML/CSS, and JSP, utilized some backend Java
- Presented plugin to department, various department managers, and Program Manager

# **University of North Carolina at Chapel Hill**

**Chapel Hill, NC** 

Enabling Technology Intern

Aug. 2011 – Feb. 2012

- Researched literacy; created game for improving literacy in language-impaired children
- Designed and developed game using JavaScript(Dojo, EaselJS) and HTML/CSS
- Presented game and research to 100 students, parents, alumni, and faculty
- Trial version: http://wordblaster.webuda.com

IBM Durham, NC

Software Engineer Intern

June – Aug. 2011

- Explored feasibility of using Apache Ant build tool to automate project builds outside of IDE
- Investigated Ant capabilities, wrote scripts to build various EBA, EAR, WAR, JAR, etc files
- Presented results during department meeting

Leadership Experience **Key Club** Senior Officer

Aug. 2011 – June 2012

NCSSM Science Department Chemistry Teacher's Assistant

Aug. 2011 – June 2012

**Computer Science Club** *Co-President and Founder* 

Mar. 2011 – June 2012

**Skills** 

Technical: HTML/CSS, JavaScript (jQuery, dojo), Java, Python, PHP, SQL, C++, JSP, Adobe

Illustrator, WebSphere Application Server, WebSphere Portal

**Linguistic:** Fluent in English; Proficient in Chinese and Japanese