

Jim Mao

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Education	Tufts University School of Engineering , Medford, MA B.S. Computer Science, May 2016 <i>magna cum laude</i> , GPA: 3.56
Coursework	Web Engineering, Web Programming, Data Structures, Algorithms, Databases, Networks, Operating Systems, Object-Oriented Programming for Graphical User Interfaces, Machine Structure and Assembly Language Programming, Programming Languages, Computation Theory, Human Computer Interaction
Skills	Programming Languages: C, C++, HTML5, Java, Javascript, Python Software/Technologies: Ajax, Angular.js, Bootstrap, CSS, DOM, Express, Git, Linux, Heroku, jQuery, JSON, MongoDB, MySQL, Node.js, Sequelize Methodologies: Agile/Scrum Software Development Work Authorization: U.S. Citizen, Department of Defense – Secret Clearance (May 2013 – May 2023) Foreign Languages: Mandarin Chinese
Work Experience	Cisco Systems, Inc. , San Jose, CA <i>Software Engineering Intern</i> (June 2015 – Present) <ul style="list-style-type: none">• Developed on full MEAN stack for Helios X, a comprehensive financial management system that spans across 27 teams, 60+ users, 1300+ employees, and \$160M annually• Presented to and collaborated with IT managers and business analysts to ensure optimal user experience Tufts University Department of Computer Science , Medford, MA <i>Teaching Assistant – Web Programming</i> (Jan. 2016 – Present) <ul style="list-style-type: none">– <i>Networks</i> (Sept. 2015 – Dec. 2015)– <i>Data Structures</i> (Jan. – May 2014)– <i>Introduction to Computer Science</i> (Sept. – Dec. 2013) <ul style="list-style-type: none">• Led recitation tutorials, proctored quizzes• Prepared and graded assignments• Held one-on-one office hours, assisted students in lab, answered questions on Piazza forum The MITRE Corporation , Bedford, MA <i>Software Engineering Intern</i> (June – Aug. 2014, May – Aug. 2013) <ul style="list-style-type: none">• Developed appealing web browser XSLT display of a synthetic data version of an IRS1040EZ XML using publicly available schemas• Enabled dynamic display of transformed XML using jQuery Accordion template and JSTL