

Jim Mao

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Education	Tufts University School of Engineering , Medford, MA B.S. Computer Science (May 2016), GPA: 3.43
Coursework	Web Engineering, Web Programming, Databases, Operating Systems, Networks, Algorithms, Data Structures, Machine Structure and Assembly Language Programming, Programming Languages, Computation Theory
Skills	Programming Languages: C, C++, Java, Javascript, Python Software/Technologies: Ajax, Apache Maven, Angular.js, Bootstrap, CSS, DOM, HTML5, Linux, Heroku, JBOSS, jQuery, JSON, JSP, JSTL, MongoDB, MySQL, Node.js, Oracle DB, Spring MVC, XML, XSLT Methodologies: Agile/Scrum Software Development Work Authorization: U.S. Citizen, Department of Defense – Secret Clearance (May 2013 – May 2023)
Work Experience	Cisco Systems, Inc. , San Jose, CA <i>IT Engineer (Intern)</i> (June – Aug. 2015) <ul style="list-style-type: none">Working on front-end development for Helios Project, a management system used to track all financial transactions and resources within the Cisco Value Chain IT Commerce department The MITRE Corporation , Bedford, MA <i>Software Engineering Intern</i> (May – Aug. 2013, Jun. – Aug. 2014) <ul style="list-style-type: none">Developed appealing web browser XSLT display of a synthetic data version of an IRS1040EZ XML using publicly available schemasEngineered editing of stored XML from client side JSP page converting HTML back to XMLEnabled dynamic display of transformed XML using jQuery Accordion template and JSTLDevised a way using the Spring MVC Framework to pass an record ID from the controller to the JSP page view Tufts University Department of Computer Science , Medford, MA <i>Teaching Assistant – Intro to Computer Science</i> (Sept. 2013 – Dec 2013) <i>– Data Structures</i> (Jan 2014 – May 2014) <ul style="list-style-type: none">Assisted students in lab, answered questions on Piazza forum, and held one-on-one office hours to explain overarching fundamentals in C++
Projects	Tufts Chinese Students Association Website , <i>Web Designer/Developer</i> URL: http://ase.tufts.edu/csa GitHub Repository: https://github.com/jmao01/Tufts-CSA-Website