Cecily Lo

32 Adams Street Apt. 2, Medford, MA • (301)-633-9088
• Cecily.Lo@tufts.edu •

Education	**Tufts University**, *School of Engineering*, Medford, MA Bachelor of Science in Computer Science, expected May 2017 GPA: 3.55 Dean's List 3/5 semesters SAT: 2300 **Sidwell Friends School**, Washington, DC September 2009-May 2013
Relevant Coursework	Web Programming, Graphic Design, Computer Graphics, Graphical User Interfaces, Global Product Development, Social Marketing, Data & Machine Structures, Programming Languages
Work Experience	**Global SATCOM Technology, Inc.**, Gaithersburg, MD *Intern*, May 2014-July 2014 • Implemented a graphical user interface using JQuery and the Raphaël vector library for a satellite network monitoring web application • Developed a virtual LED display for various engineering applications • Converted images to SVG format using edge detection software **Joy of Motion Dance Center**, Washington, DC *Production Assistant*, May 2013-June 2013 • Photographed live dance performances • Designed advertisements and programs for upcoming shows using Photoshop and InDesign
Technical Projects	**BubbleSim**, May 2016 • Implemented an interactive graphical simulation of floating iridescent bubbles with realistic collision modeling using WebGL and the three.js 3D graphics library **Timbr**, December 2015 • Designed and implemented the front-end for a social network designed to connect local musicians for impromptu practice sessions utilizing the Bootstrap framework **Universal Machine**, March 2014 • Implemented a modular software implementation of a virtual machine in C • Optimized for high speed performance using various profiling tools **Song Search**, November 2014 • Developed a time-efficient search-by-lyric C++ program using a database of over 170,000 song lyrics and 40 million words *Creative portfolio available upon request.*
Activities	**Alpha Phi International Women's Fraternity**, *Director of Sisterhood*, January 2015-Present **91.5 WMFO**, *Radio Host/DJ*, August 2014-Present **Sarabande Dance Ensemble**, *Producer/Director of PR & Marketing*, September 2013-Present
Skills	**Interests**: Graphic Design, Videography, Photography (Digital & Film), Creative Writing **Software**: Adobe Creative Suite (Photoshop, InDesign, Illustrator, Premiere), Microsoft Office **Programming Languages**: C/C++, Java, HTML5/CSS, JavaScript (incl. JQuery, Bootstrap) **Languages**: Fluent in Mandarin, Conversational in Spanish