

Robert W. Ruenes

Contact Information	Robert W. Ruenes 98 W. Quincy Street Somerville, MA 02144	<i>Phone:</i> (631) 245-4071 <i>Email:</i> robert.ruenes@tufts.edu <i>Web:</i> http://robruenes.github.io
Education	Tufts University Medford, MA B.S., Computer Science, graduating in 2015 GPA: 3.95 Centereach High School Centereach, NY Salutatorian, Class of 2011 GPA: 99/100	
Work Experience	Galatea Associates LLC Software Development Intern <i>June 2014 – Present</i> Somerville, MA - Completed development and improved extensibility of an integration test project used to catch bugs in the development stage of a stock position keeping system utilized by investment bankers. MIT Lincoln Laboratory Computing and Analytics Intern <i>May 2013 – Aug 2013</i> Lexington, MA - Contributed to a big data project by creating a tool to automatically collect new data daily, writing MapReduce jobs to perform analysis on the data set, and implementing new features in a web-based visual tool used to view and analyze the data set. Tufts Department of Computer Science Teaching Assistant <i>Sept 2012 - Dec 2013</i> Medford, MA - Ran office hours and lab sections for Machine Structure and Assembly Language Programming and Intro to Computer Science.	
Invited Talks	“Global Pattern Search at Scale 2.0: Moving from prototype to scalable system” - Given 8/21/2013 at MIT Lincoln Laboratory in Lexington, MA.	
Computing Experience	Programming Languages (in order of proficiency): Java, C++, C, Python, JavaScript Experience with: HTML, CSS, SVN, Git, Spring, Maven, Eclipse, MapReduce Recent Projects: <ul style="list-style-type: none">- RPC Generate: Remote Procedure Call proxy and stub generator (C++)- LRFCP: File Copy Protocol Client and Server, demonstrates End-to-End Principle (C++)- RedditRocks: Spotify Playlist Generator based on popular music subreddits (Python)- Image Compressor: Utilizes Discrete Cosine Transform, outperformed reference implementation with respect to image preservation (C)- Squarified Treemaps and Force-Directed Node Link Diagram implementations (Processing)	
Academic Honors	Tufts University Dean’s List, All Semesters College Board AP Scholar with Distinction	
Coursework	Data Structures, Machine Structure and Assembly Language Programming, Internet-Scale Distributed Systems, Programming Languages, Visualization, Discrete Mathematics, Calculus II, Linear Algebra, Algorithms, Computation Theory, Web Programming, Concurrent Programming, Operating Systems	
Activities	Tufts University Men’s Club Fencing Team <i>Oct 2011 – Present</i> - Men’s Team Captain and Epee Squad Captain	