

## Robert W. Ruenes

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<b>Contact Information</b>	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> <a href="http://www.cs.tufts.edu/~rruene01">http://www.cs.tufts.edu/~rruene01</a>
<b>Education</b>	<b>Tufts University</b> Medford, MA B.S., Computer Science, graduating in 2015 GPA: 3.95 <b>Centereach High School</b> Centereach, NY Salutatorian, Class of 2011 GPA: 99/100	
<b>Work Experience</b>	<b>Galatea Associates LLC Software Development Intern</b> <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.  <b>MIT Lincoln Laboratory Computing and Analytics Intern</b> <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.  <b>Tufts Department of Computer Science Teaching Assistant</b> <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.	
<b>Invited Talks</b>	<b>“Global Pattern Search at Scale 2.0: Moving from prototype to scalable system”</b> - Given 8/21/2013 at MIT Lincoln Laboratory in Lexington, MA.	
<b>Computing Experience</b>	<b>Programming Languages (in order of proficiency):</b> Java, C++, C, Python, JavaScript <b>Experience with:</b> SVN, Git, Spring, Maven, Eclipse, MapReduce, SQL, HTML, CSS <b>Recent Projects:</b> <ul style="list-style-type: none"><li>- RPC Generate: Remote Procedure Call proxy and stub generator (C++)</li><li>- LRFCP: File Copy Protocol Client and Server, demonstrates End-to-End Principle (C++)</li><li>- RedditRocks: Spotify Playlist Generator based on popular music subreddits (Python)</li><li>- Image Compressor: Utilizes Discrete Cosine Transform, outperformed reference implementation with respect to image preservation (C)</li><li>- Squarified Treemaps and Force-Directed Node Link Diagram implementations (Processing)</li></ul>	
<b>Academic Honors</b>	Tufts University Dean’s List, All Semesters College Board AP Scholar with Distinction	
<b>Coursework</b>	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	
<b>Activities</b>	<b>Tufts University Men’s Club Fencing Team</b> <i>Oct 2011 – Present</i> - Men’s Team Captain and Epee Squad Captain	