

# Anthony F. Cannistra

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CONTACT INFORMATION	Anthony F. Cannistra 10 Glen Ellen Drive Cumberland, RI 02864-5034	<i>Voice:</i> (401) 793-0916 <i>E-mail:</i> <a href="mailto:anthony.cannistra@tufts.edu">anthony.cannistra@tufts.edu</a> <i>WWW:</i> <a href="http://www.cs.tufts.edu/~acanni01">http://www.cs.tufts.edu/~acanni01</a>
EDUCATION	<b>Tufts University</b> Medford, Massachusetts USA B.A. , Computer Science and Biology (expected graduation date: May 2015) GPA: 3.54, Dean's List  <b>Moses Brown School</b> Providence, Rhode Island USA GPA: 3.67	
COMPUTING EXPERIENCE	<b>Software:</b> Adobe Photoshop, Microsoft Office Suite, Apple Software Suite, Apple XCode <b>Operating Systems:</b> Unix/Linux, Mac OSX, Microsoft Windows (XP, Vista, 7) <b>Computer Languages:</b> C, C++, Python, <b>bash</b> , Scheme, HTML, CSS, and $\text{\LaTeX}$ <b>Recently Completed Projects:</b> (see more here: <a href="http://www.anthonycannistra.com">http://www.anthonycannistra.com</a> ) <ul style="list-style-type: none"><li>– A Virtual Machine written in the C programming language.</li><li>– Management of <a href="http://tuftstext.com">http://tuftstext.com</a>, a textbook price comparison tool for Tufts students</li><li>– An image compression/decompression software suite, written in the C programming language.</li><li>– Personal website. Designed and Built using responsive CSS templates.</li></ul>	
HONORS AND AWARDS	Tufts University Dean's List: Fall 2012, Spring 2012 College Board Advanced Placement Distinguished Scholar Award, 2011 Admission to the National Cum Laude Society, 2011 Rhode Island Forensic League: Best Varsity Debater, 2011	
WORK AND RESEARCH EXPERIENCE	<b>Tufts University Department of Computer Science</b> <b>Fall 2012–Present</b> <i>Teaching Assistant: Introduction to Computer Science, F2012</i> <i>Teaching Assistant: Machine Structure and Assembly Language Programming, S2013</i> <ul style="list-style-type: none"><li>– Held office hours and assisted head TAs in the teaching of laboratory classes.</li><li>– Graded programming projects and homework.</li></ul> <b>The Laboratory of Benjamin Raphael at Brown University</b> <b>Summer 2012</b> Providence, Rhode Island <i>Computational Biology Research Assistant</i> <ul style="list-style-type: none"><li>– Involved in algorithm design: efficient and accurate detection of genomic structural variants.</li><li>– Tested, improved, and redesigned existing algorithms with efficiency in mind.</li><li>– <i>Code available at</i> <a href="http://gasv.googlecode.com">http://gasv.googlecode.com</a></li></ul>	
LEADERSHIP POSITIONS	<b>Association for Computing Machinery, Tufts Chapter</b> <b>Spring 2013–Present</b> <i>Executive Board Member</i> <ul style="list-style-type: none"><li>– Organized, advertised, and and taught some “ACM Hangouts,” a weekly skill-sharing workshop.</li><li>– Assisted in creation of club budget for approval by Tufts Community Union Senate.</li></ul> <b>Tufts University Leonard Carmichael Society</b> <b>Fall 2011–Fall 2012</b> <i>Directional Staff Member: Transportation Coordinator</i> <ul style="list-style-type: none"><li>– Managed two minivans for the use of over 50 community service groups.</li><li>– Created and customized an online van reservation system: <a href="http://lcsvan.youcanbook.me">http://lcsvan.youcanbook.me</a>.</li><li>– Facilitated the purchase of a new minivan in the Spring of 2012.</li></ul>	
COURSEWORK	Animal Behavior, Computational Biology, Data Structures, Machine Structure/Assembly Language Programming, Discrete Mathmatics	
VOLUNTEER SERVICE	<b>Cyclist and Fundraiser</b> , <i>National Multiple Sclerosis Society, Rhode Island Chapter</i> <ul style="list-style-type: none"><li>– Raised over \$8000 total in the June 2010, 2011, and 2012 150-Mile cycling tours.</li></ul>	