

# Benjamin Tanen

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| <b>Education</b> | <b>Tufts University</b> , Medford, MA<br>Bachelor of Science in <i>Computer Science Engineering</i><br>Minors in <i>Mathematics</i> and <i>Engineering Management</i><br><b>GPA:</b> 3.76/4.0, Dean's List (Fall 2013 to Present)<br><br><b>Relevant Courses:</b> Programming Language, Machine Structure and Assembly Language Programming, Data Structures, Web Programming, Linear Algebra, Discrete Mathematics, Probability & Statistics, Differential Equations, Engineering Management & Leadership | Expected Graduation May 2017 |
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| <b>Work Experience</b> | <b>Software Engineering Intern</b> , Pegasystems<br>• Developed and implemented new UI generation features for an enterprise software platform while working on a Scrum team using Java, HTML / CSS, and other Agile methodologies<br>• Conducted regression testing, code optimization and other technical debt reduction throughout Pega's development environment<br><br><b>Academic Technology Fellow</b> , Tufts University<br>• Design, develop, maintain, and support a variety of research and education-based technology tools to aid and foster teaching and learning at Tufts University<br>• Successfully built and integrated software for teams and departments across the university including economics, cognitive sciences, biology, and physics.<br><br><b>Risk Management Intern</b> , K2 Advisors LLC<br>• Constructed multiple risk assessment tools, financial portfolio models, and market simulations for large alpha-driven fund of funds using Python (Pandas), and Excel / VBA<br>• Analyzed market performance and portfolio strategies for Portfolio Construction and Risk Management departments<br><br><b>Web Designer and Developer</b><br>• Build web applications using an array of different technology including HTML5, CSS3, JavaScript, jQuery, Node.js and Ruby on Rails | June 2015 – August 2015<br><br>September 2014 – Present<br><br>June 2014 – August 2014<br><br>2010 – Present |
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| <b>Projects &amp; Activities</b> | <b>Tufts Engineering Mentors</b> , President<br>• Manage mentorship program which pairs more than 250 engineering mentors and mentees and hosts multiple speaker / workshop events<br><br><b>RodRego</b><br>• Built web application used to model simple INC/DEB register machines based on work from a legacy project from the Tufts Cognitive Science department<br><br><b>ASLLex</b><br>• Developed web application and lexical database of over 1,000 American Sign Language signs for research conducted by Tufts and BU graduate students | May 2014 – Present<br><br>September 2014 – January 2015<br><br>December 2014 – August 2015 |
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| <b>Skills &amp; Interests</b> | <b>Languages:</b> Python, C/C++, HTML5 / CSS3, JavaScript, jQuery, Node.js, VBA, R, SQL<br><b>Software:</b> Git, Vim, MATLAB, Bloomberg, Adobe Creative Suite, Microsoft Office,<br><b>Interests:</b> Soul Music, Hockey, Pixar, Law & Politics, Spicy Foods, Marvel Comics |  |
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