

Benjamin Tanen

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Education	Tufts University , Medford, MA Bachelor of Science in Computer Science Engineering Minors in Engineering Management, Entrepreneurial Leadership GPA: 3.76/4.0, Dean's List Relevant Courses: Machine Learning, Programming Language Design, Machine Structure & Assembly Language Programming, Data Structures, Web Programming, Discrete Mathematics, Financial Management of High Technology Firms, Engineering Management and Business Planning, Business Law, Differential Equations	Expected Graduation May 2017
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Work Experience	Software Engineering Intern , Pegasystems · Optimized and improved UI code generation components of Pega's large enterprise-scale software system · Worked with Scrum team of other engineers to fix bugs, generate automated tests, and build new features using Java, HTML5, CSS3, & JavaScript Academic Technology Fellow , Tufts University · Help design, develop, support, and maintain a variety of technology-based tools and services to support teaching and learning at Tufts University · Work in service support research and new-tool development Risk Management Intern , K2 Advisors LLC · Developed multiple risk assessment tools, portfolio models, and market simulations using Python (NumPy, Pandas), Excel / VBA, and Bloomberg · Assisted on projects for the Risk Management and Portfolio Construction teams Engineering Intern , American Unmanned Systems · Provided hands-on technical support for advanced robotic systems · Assisted in software and user-interface development Web Designer and Developer · Paid and volunteer web designer/developer using multiple different languages / technologies (HTML5, CSS3, JavaScript, jQuery, Ruby on Rails, Node.js)	June 2015 – August 2015 September 2014 - Present June 2014 – August 2014 February 2013 – June 2013 2010 – Present
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Projects & Activities	Tufts Engineering Mentors , President · Managed mentorship program for more than 250 engineering and CS students · Organized multiple engineering-based speaker / workshop events Tufts Financial Group , Fixed Income & Quantitative Analysis Sector RodRego · Created web application to port a simple register machine simulator to illustrate computational capabilities of INC/DEB language model	May 2014 - Present January 2015 - Present September 2014 - Present
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Software Skills	Languages: C/C++, Python, JavaScript, jQuery, Node.js, HTML5 / CSS3, VBA Software: Git, Vim, MATLAB, Adobe Photoshop / After Effect Premiere, Bloomberg	
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References available upon request