

BRENDAN RITTER

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For a more detailed list of corporate, school and personal projects:

www.brendanritter.com

Education	CORNELL TECH AT CORNELL UNIVERSITY	New York, NY
May 2016	Master of Engineering in Computer Science	GPA: 3.66/4.0
	OLIN COLLEGE OF ENGINEERING	Needham, MA
June 2015	Bachelor of Science in Engineering (concentration in computing)	GPA: 3.62/4.0
Skills	TOOLS, LANGUAGES AND PROFICIENCIES Front and Backend Development, Game Development, CAD, User Oriented Design, Product Design <i>Proficiency and at least 2 years of experience in all of the following:</i> Java Python C# C/C++ JavaScript Matlab Ocaml/SML/lisp PHP SolidWorks	
Experience	<i>RAYTHEON BBN</i> <i>Staff Scientist</i>	Cambridge, MA
2017-present	<ul style="list-style-type: none">• Aerial Refueling Model – Contributed to development and design, especially disruptive event mitigation and time changing factors.• Advanced Receiver Demand Estimator – Heavy contribution to design and development of core algorithm, time changing factors.• Java, Eclipse, Java Profiling, advanced search and waypathing algorithms	
	<i>ATHENAHEALTH</i> <i>Software Development Intern</i>	Watertown, MA
2015	Developed tools for code quality analysis using Perl and JavaScript.	
	<i>MICROSOFT</i> <i>Software Development Intern (Skype Calling)</i>	Redmond, WA
2014	Developed an experimental web-based Skype client using JavaScript, C# and Azure cloud service. Was solely responsible for development.	
	<i>BARRETT TECHNOLOGY</i> <i>Software Development Intern</i>	Cambridge, MA
2013	Developed pyHand API and UI for controlling Barrett Hand 282 (robot hand) <ul style="list-style-type: none">• pyHand is currently shipped with every hand sold and used internally• Co-lead group of four; developed both internal and client facing software.	
	<i>MITRE CORPORATION</i> <i>Software Development Intern</i>	McLean, VA
2012	Worked at Center for Advanced Aviation System Development (CAASD) Developed several tools for extracting summary statistics from raw flight data.	
Awards	PROFESSIONAL PUBLICATIONS	
2012	<i>7th European Conference for Technology Enhanced Learning (ECTEL)</i> Co-Author “A Collaboration Based Community to Track Idea Diffusion amongst Novice Programmers” <ul style="list-style-type: none">• Wrote poster paper and gave presentation at event• Worked with group of four to develop underlying computer program	Saarbrücken, Germany
2015	<i>Patent Pending: application number 14/703607</i> - Seeks to increase usability of mobile devices. Solely conceptualized, wrote and submitted patent	