BRENDAN RITTER 381 Highland Ave. Apt 2, Somerville MA 02144 703-517-5937

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Education 2016	CORNELL TECH AT CORNELL UNIVERSITY Master of Engineering in Computer Science - GPA: 3.46/4.0 Data Science, Machine Learning, Computer vision, Product design, Tech strategy	New York, NY
2015	OLIN COLLEGE OF ENGINEERING Bachelor of Science in Engineering with concentration in Computing - GPA: 3.56/4.0 Modeling and Simulation, Micro and Macro economics (Wellesley), User Design, Artificial	Needham, MA Intelligence
Skills	TOOLS, LANGUAGES AND PROFICIENCIES Front and Backend Development, Computational Modeling, User Oriented Design, Product Design, CAD Very strong proficiency in: Java, Python, Javascript & React Experience in: C#, C/C++, Matlab, Ocaml/SML/lisp, PHP, SolidWorks	
Experience 2016- Present	RAYTHEON / BBN Technologies Staff Scientist II Developed user-centered logistics programs for USTRANSCOM and OSD CAPE (pentagor personally and in a team of up to ten. Collaborated with Git. Conducted the following work -Development of Logistics Engines (Java) -Gui and Map Design (React and Java) -Hiring (Technical and nontechnical) -Primary Source Research -Technical Assistance (Remote and on site) -Technical Writing -Profiling, test and optimization Ask me about specific projects! I personally made several from the ground up and transition	c:)
2015	ATHENAHEALTH Software Development Intern Developed framework and tools for code quality analysis using Perl and JavaScript.	Watertown, MA
2014	MICROSOFT (Skype Calling team) Software Development Intern Personally developed an experimental web-based Skype client using JavaScript, C# and Azure cloud service.	Redmond, WA
2013	BARRETT TECHNOLOGY Software Development Intern Developed API and user interface for controlling Barrett Hand 282 (robot hand) called pyHand. My software was shipped with the 282 product.	Cambridge, MA
2012	MITRE CORPORATION (CAASD) Software Development Intern Developed several tools for extracting summary statistics from very large amounts of raw flight data. Also created an automatic powerpoint creation tool.	McLean, VA
Publications and Patents		
2012	7th European Conference for Technology Enhanced Learning (ECTEL) Saarbruken, Germany Co-Authored "A Collaboration Based Community to Track Idea Diffusion amongst Novice Programmers" - Wrote/Presented in group of four, with underlying software program	
2017	Proceedings of the 2017 ACM Conference on Designing Interactive Systems Co-Authored "Effects of color and threshold on user perception of heat maps" - Codesigned experiment and research, developed accompanying software.	
2015	US Patent: Video Wall System & Method of Making and Using Same, US20160328202A1 Issued 12/25/2018 Personally conceptualized, wrote, submitted patent for unified simultane visual presentation of multi-screen data input.	ous