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
	Master of Engineering in Computer Science, May 2016	
	GPA: 3.66 on a 4.0 scale	
	OLIN COLLEGE OF ENGINEERING	Needham, MA
	Bachelor of Science in Engineering with concentration in computing, June 2015	

Skills TOOLS, LANGUAGES AND PROFICIENCIES

Front and Back end Development	Game Development	CAD	User Oriented Design	Product Design

Proficiency and at least 2 years of experience in all of the following:

Python   Java   C#   C/C++   JavaScript   Matlab   Ocaml/SML/lisp   PHP   SolidWorks

Experience
2015 ATHENAHEALTH   Watertown, MA
Software Development Intern
Developed framework and tools for **code quality analysis** using Perl and JavaScript.

2014 MICROSOFT   Redmond, WA
Software Development Intern with the Skype Calling team
Developed an **experimental web-based Skype client** using JavaScript, C# and Azure cloud service. Was solely responsible for development in group of two.

2013 BARRETT TECHNOLOGY   Cambridge, MA
Software Development Intern
Developed API and user interface for controlling Barrett Hand 282 (robot hand) called pyHand
- **pyHand is currently shipped with every hand sold as well as used internally**
- Utilized python, the Tkinter library and Controller Area Network protocol
- **Co-lead group of four**
- Developed both internal and **client facing software**.

2012 MITRE CORPORATION   McLean, VA
Software Development Intern with Center for Advanced Aviation System Development
Developed several small tools for extracting summary statistics from voluminous raw flight data. Utilized Matlab, R and Java.

Awards
2012 PROFESSIONAL PUBLICATIONS
7th European Conference for Technology Enhanced Learning (ECTEL)   Saarbruken, Germany

Co-Authored "A Collaboration Based Community to Track Idea Diffusion amongst Novice Programmers"
- **Wrote poster paper and gave presentation** at event
- Worked with group of four to develop underlying computer program

2015 *Patent Pending: application number 14/703607 -* Seeks to increase usability of mobile devices. Solely **conceptualized, wrote and submitted patent**