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: 3.66/4.0

OLIN COLLEGE OF ENGINEERING   Needham, MA
Bachelor of Science in Engineering with concentration in computing, June 2015
GPA: 3.62/4.0

Skills   TOOLS, LANGUAGES AND PROFICIENCIES
 Front and Backend 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   ATHENAHEALTH   Watertown, MA
2015   *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.

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**
- **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.

Awards   PROFESSIONAL PUBLICATIONS
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 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**