

Brendan Ritter

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Website with more details about projects: www.brendanritter.com

Seeking a Master's of Science or Engineering in Computer Science to expand my knowledge and skills.

PERSONAL CHARACTERISTICS

Enthusiastic, excellent communications skills, team player, problem solver, highly motivated.

PROFESSIONAL AND SCHOLASTIC SUMMARY

Record of sustained academic and professional achievement in highly competitive environments.

Strong commitment to the application of Computer Science to real-life problems and issues.

Proven analytic ability, coupled with effective communication and presentation of results.

Record of cooperative achievement and leadership in group projects.

EDUCATION

Franklin W. Olin College of Engineering

Needham, MA

Candidate for BS in Engineering w/ concentration in computing. Expected graduation May, 2015.

GPA: 3.56, Completed multiple courses in the following areas:

Computing	Mathematics	Related Fields
Artificial Intelligence	Linear Algebra	Computer Architecture
Programming Language Design	Discrete Mathematics	User Interface Design
Computation Theory	Bayesian Statistics	User Oriented Design (beyond UI design)
Software Engineering	Modeling and Simulation	Macro and Micro Economics

Courses Fall semester: Entrepreneurial Capstone, SCOPE, Game programming, Game Perspectives, Interface Design

Washington Lee High School

Arlington, VA

Advanced Diploma with Honors, June 2011; AP Scholar with Distinction; tied for first in a class of 440.

Test Scores

Test	Math SAT	Reading SAT	Math SAT II	Physics SAT II	US History	AP Calculus BC	AP Physics C	GRE Quant.	GRE Qual.
Score	750	700	800	770	770	5	5	162	164

PROFESSIONAL PUBLICATION

ECTEL

Saarbrücken, Germany, September, 2012

Co-Author "A Collaboration Based Community to Track Idea Diffusion amongst Novice Programmers", and underlying computer program. Accepted for publication and poster presentation at the 7th European Conference for Technology Enhanced Learning.

PROFESSIONAL EMPLOYMENT

Athena Health (Prospective)

Watertown, MA, Summer, 2015

Offered and accepted summer intern position. Expect to work on web services in Perl.

Microsoft

Redmond, WA, Summer, 2014

Summer Software Development intern with the Skype calling team. Developed an experimental Skype client using Javascript, C# and Azure cloud service. Offered full time employment upon graduation.

Barrett Technology (Robotics)

Cambridge, MA, Summer, 2013

Summer software intern. Developed API for the control of robotic hand from basic Controller Area Network Communication; used this API to construct customer facing user interface using Python's Tkinter library.

MITRE Corporation

McLean, VA, Summer, 2012

Summer intern with Center for Advanced Aviation System Development. Extracted summary statistics using Matlab and R scripts from voluminous raw flight data.

FUNCTIONAL SUMMARY

Programming Language/Software	Python	Java	Autodesk Inventor	C#	Matlab	C/C++	Web Dev. (PHP, Javascript)	Ocaml/sml/lisp	Solid Works	R
Years of Use	5	4.5	3	2	2	2	1.5	1	1	.5

Recommendations available on request.