

Conor P. McGrory

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EDUCATION	Princeton University, Princeton, NJ Concentration: Computer Science (B.S.E.)	September 2012 - June 2016
	Falmouth High School, Falmouth, Maine Cumulative GPA 99.97, top ten percent	September 2008 - June 2012
TECHNICAL SKILLS & RELEVANT COURSES	Programming Languages: Python, Matlab, C, C++, Java, Scala, JavaScript, SQL, Shell scripting, \LaTeX	
	Technologies: UNIX, Apache Spark, Apache Oozie	
	Math Courses: Analysis in a Single Variable (MAT 215), Honors Linear Algebra (MAT 217), Advanced Vector Calculus (MAT 203), Introduction to Graph Theory (MAT 375), Probability and Stochastic Systems (ORF 309), Advanced Logic (MAT 306)	
	Computer Science Courses: General Computer Science (COS 126), Algorithms and Data Structures (COS 226), Introduction to Programming Systems (COS 217), Reasoning About Computation (COS 340), Theory of Algorithms (COS 423), Artificial Intelligence (COS 402), Theoretical Machine Learning (COS 511)	
	Neuroscience Courses: Computational Neuroscience (Online through Coursera, University of Washington)	
WORK & RESEARCH EXPERIENCE	Bloomberg L.P., New York, NY <i>Software Engineer</i>	September 2016 - May 2018
	<ul style="list-style-type: none">• Worked on team that creates user profiles and recommendation systems to enhance user experience on Bloomberg Terminal• Specific projects have included developing a single software package that extracts useful information from user data, adapting our existing recommender systems to use this new pipeline, and writing scripts that compute specific usage statistics based on usage data• Most work was in Python and used Apache Spark	
	Princeton University, Princeton, NJ <i>Research Assistant, Pillow Lab</i>	September 2015 - September 2016
	<ul style="list-style-type: none">• Computational neuroscience lab at Princeton Neuroscience Institute headed by Prof. Jonathan Pillow• Worked on modifying an existing optimization algorithm to make it more effective for fitting statistical models of neural systems• This became my Senior Thesis in the Computer Science department• Also attended lab meetings and followed work being done by other members of lab	
	University of Colorado, Colorado Springs, CO <i>Research Intern, National Science Foundation REU Program</i>	June 2014 - August 2014
	<ul style="list-style-type: none">• Internship: "Machine Learning, Theory and Practice"• Attended lectures on probability, statistics, and machine learning	

- Spent ten weeks studying question generation and other related problems in the field of natural language processing (NLP)
- Developed and implemented a novel approach to the problem of automatically generating questions from input sentences
- Results were ultimately presented at an academic conference:
Al Taouti F. Kalita J, McGrory C., Sentence Simplification For Question Generation. *International Conference of Computing and Communication Systems*. Presented April 9-10, 2015, Shillong, India.

Maine Medical Center, Scarborough, ME June 2013 - August 2013
Research Intern, Maine Medical Center Research Institute

- Worked at Vector Bourne Disease Lab, through Summer Student Research Program
- Completed data collection and analysis of West Nile Virus prevalence among mosquitoes in city of Portland, ME
- Wrote Java application to perform custom analysis on deer tick population data set for lab

DeLorme, Inc., Yarmouth, ME June 2011 - August 2011
Research Intern, MERITS Program

- Wrote C++ code for a prototype of a remote sensor that registers, counts, and identifies passing vehicles on a rural road

AWARDS

2016 Outstanding Computer Science Senior Thesis Prize, Princeton University
2012 National Merit Scholar
2012 Presidential Scholars Program, Candidate Qualifier
Eagle Scout, Boy Scouts of America (earned June 2010)