

Mihail Eric

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<https://github.com/mihail911>

Education

Stanford University: B.S. in Computer Science Focus: Artificial Intelligence	Stanford, CA September 2012-
Stanford University: M.S. in Computer Science Focus: Artificial Intelligence	Stanford, CA January 2015-
Phillips Exeter Academy	Exeter, NH Sept. 2009-June 2012

Coursework: *Machine Learning; Natural Language Processing; Mining Massive Data Sets; Artificial Intelligence: Principles and Techniques; Design and Analysis of Algorithms; Principles of Computer Systems; Computer Organizations and Systems; Introduction to Probability for Computer Scientists; Programming Abstractions; Automata and Complexity Theory*

Languages: *C, C++, Java, Python, Matlab*

Projects

Autonomous Tagging of StackOverflow Posts [<i>Python</i>] Implemented multi-label classifier using natural language features to automatically and accurately predict tags on StackOverflow posts.	2014
Stanford Course Search [<i>Python</i>] Used Bayesian inference and natural language processing to provide more robust search features.	2013
Heap Memory Allocator [<i>C</i>] Designed dynamic heap memory allocator that achieved 96% throughput and 74% utilization relative to standard libc implementation of memory allocator.	2012

Work Experience

Software Engineering Intern at Bloomberg L.P. Worked in Knowledge Engineering team, developing the named entity recognition component of a C++ natural language processing framework.	2014
Computer Science 106 Section Leader Responsible for teaching section for Stanford's introductory computer science courses. Responsible for grading assignments and exams, offering assignment helper hours, and teaching weekly sessions on course-related material.	2014
Research Internship in Electrical Engineering at Stanford University Worked in lab of Dr. Subhasish Mitra. Studied the use of directed self-assembly of block copolymers to improve carbon nanotube density and alignment.	2013

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Teaching Assistant for the Art of Problem Solving 2012

Responsible for answering student questions during classes and on message board, posting supplementary problems for students. Courses taught: Mathcounts Problem Series, AMC 10 Problem Series, Introduction to Algebra, Introduction to Programming.

Grader for the Art of Problem Solving 2011

Responsibilities include grading mathematics problem sets and examinations for various courses such as Introduction to Counting and Probability, Introduction to Geometry, Algebra 1-3, Precalculus, and Calculus.

Research Intern at Texas Tech University 2011

Worked in lab of Dr. Mahdi Sanati. Responsibilities included conducting first principle calculations on intermetallic alloy systems, operating full-potential (FP-LAPW) and pseudopotential (VASP) programs, and interpreting data from these programs.

Achievements and Honors

Recipient James R. Hoffa Memorial Scholarship 2013

Highest Academic Honors at Phillips Exeter Academy 2009-2012

USA Physics Olympiad Semifinalist 2011

Early Inductee into Cum Laude Society 2011

Recipient of Clark Scholars Research Scholarship 2011

American Invitational Mathematics Examination Qualifier 2008-2009, 2011-2012