	Vahid Fazel-Rezai http://vahidfazelrezai.me		vfazel@mit.edu 305 Memorial Dr., Car		1-741-6564 MA 02139
Education	Massachusetts Institute of Technology, Cambridge, MA Electrical Engineering and Computer Science, 5.0 GPA 6.01 / Intro EECS 18.03 / Differential Equations 18.440 / Probabilit				
		ctures 6.005 / Sof	tware Construct O / Software St	ction	
	Phillips Exeter Academy , Exeter, NH Linear Algebra Electronics	Cryptography	Game Theory	June 2 Intro Real Ana	
Work	Nasdaq — Software Intern 6/15—8/15 Peform customer interviews for, design, and build out backend of new web app Define decision triggers, code data feed, and benchmark performance of new web dashboard				
	Recharge Labs — Product Innovation Specialist Research and design charging station with potential for small-scale solar electricity in Nepal				
	Art of Problem Solving — <i>Grader</i> Grade and give written feedback for	math problems	9/14—1	2/14	
Leadership	MSA Mentorship — co-director		:	2015	
	${\bf Harvard\text{-}MIT\ Math\ Tournament}-\\$		2014—	2015	
	Phillips Exeter Academy Science Bowl Team — captain and co-founder			2012—2	2014
Research	Space Systems Lab , MIT 9/14—12/14 Benchmark and improve vision software on SPHERES satellites that merges six frames into 3D cloud				
	Seung Kim Lab , Stanford Cross, dissect, and image new <i>Droso</i>	3/14-6/14 ed gene for fluorescence		6/14	
	Program for Research In Mathematics, Engineering and Science , MIT 2/13—9/13 Establish definitions and classify families of permutations for type of relation not previously studied				
	Computational Biochemistry Lab , Univ. North Dakota Write C program to run simulation of peptide structure in varying conditions and			10/11—3/12 analyze results	
Publications	Vahid Fazel-Rezai. Equivalence Classes of Permutations Modulo Replacements Between 123 and Two-Integer Patterns. <i>Electronic Journal of Combinatorics</i> , 21(2):#P47, 2014.				
	Presented at 2014 Mathematical Association of America Undergraduate Student Poster Session				
Awards	MIT Web Programming Competition			2015 2015 2014 2014 2014 2011 2011	
Languages	Python, C++, JavaScript, Node, Angular, HTML, CSS, SQL, MongoDB, Rails, Java, Git, MATLAB, French				
Projects	see http://vahidfazelrezai.me				