

Education	<b>Massachusetts Institute of Technology</b> , Cambridge, MA	June 2018	
	Electrical Engineering and Computer Science	Major GPA: 5.0/5.0	
	6.004 / Computation Structures	6.034 / Artificial Intelligence	
	6.046 / Analysis of Algorithms	6.170 / Software Studio	
		6.036 / Intro Machine Learning	
		6.858 / Computer Systems Security	
	<b>Phillips Exeter Academy</b> , Exeter, NH	June 2014	
Work	<b>Nasdaq</b> — <i>Software Engineering Intern</i>	6/15–8/15	
	Designed and built Python backend of prototype for file management and collaboration product		
	Determined and coded algorithm to trigger custom stock price alerts, then tested on historical data		
	<b>Somu Energy</b> — <i>Director of Product Innovation</i>	12/14–1/15	
	Researched and designed solar-powered central charging station for household battery packs in Nepal		
Leadership	<b>Project Portal</b> — <i>founder</i>	1/15–present	
	Developing a platform to increase visibility of student projects across campus programs		
	<b>MIT Sandbox Fund</b> — <i>student advisory board member</i>	1/15–present	
	Providing student perspective on running two-million-dollar fund to support student projects		
	<b>TechX</b> — <i>ProjX committee member</i>	9/15–present	
	Funding and tracking student teams as they work on projects; hosting demo events		
	<b>MSA Mentorship</b> — <i>co-director</i>	5/15–present	
	Organizing monthly conferences for ambitious high school students, hosted at MIT, Harvard, and Tufts		
Research	<b>Space Systems Lab</b> , MIT	9/14–12/14	
	Benchmarked and improved vision software merging frames from 6 camera feeds on SPHERES satellites		
	<b>Seung Kim Lab</b> , Stanford	3/14–6/14	
	Crossed, dissected, and imaged new <i>Drosophila</i> fruit fly stock lines with fluorescence gene biomarker		
	<b>Program for Research In Mathematics, Engineering and Science</b> , MIT	2/13–9/13	
	Established mathematical definitions and classified families of permutations for new equivalence relations		
	<b>Computational Biochemistry Lab</b> , Univ. North Dakota	10/11–3/12	
	Wrote C program to simulate peptide structure in varying conditions and compare 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.		
Awards	MIT 6.170 Software Studio	Best Feature Set	2015
	YHack	Datto 4K Challenge Winner	2015
	MIT 6.148 Web Programming Competition	4th Place & Most Responsive Design	2015
	William Lowell Putnam Mathematical Competition	50th place, Honorable Mention	2014
	Canadian Math Olympiad	7th place, Honorable Mention (IMO alternate)	2014
	Intel Science Talent Search	Semifinalist	2014
	Intel International Science and Engineering Fair	Fourth Award in Mathematics	2011
	USA Junior Math Olympiad	6th place, Winner (MOSP participant)	2011
Languages	Python, JavaScript, Node, Angular, HTML, CSS, SQL, MongoDB, Java, Git, C++, MATLAB, LaTeX, Farsi, French		
Projects	<a href="http://vahid.io">http://vahid.io</a>		