

Education	Massachusetts Institute of Technology , Cambridge, MA Electrical Engineering and Computer Science 6.034 / Artificial Intelligence 6.036 / Intro Machine Learning 6.046 / Analysis of Algorithms 6.170 / Software Studio 6.858 / Computer Systems Security 6.875 / Cryptography & Cryptanalysis Phillips Exeter Academy , Exeter, NH	(expected) June 2018 Major GPA: 5.0/5.0 June 2014
Work	Google — <i>Software Engineering Intern</i> Building full-stack widget to summarize and visualize critical performance estimates for advertisers Decreasing latency of various backend services by migrating to improved tech stack Nasdaq — <i>Software Engineering Intern</i> 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 Somu Energy — <i>Director of Product Innovation</i>	5/16—current 6/15—8/15 12/14—1/15
Leadership	ProjX — <i>director</i> Managing committee of ten members who fund, guide, and promote 50+ student projects Representing ProjX as a member of TechX executive committee MIT Sandbox Fund — <i>student advisory board member</i> Providing student perspective on running a \$2 million fund to support student projects Science Bowl — <i>co-founder and team captain</i>	9/15—current 1/16—current 11/13—5/14
Research	Space Systems Lab , MIT Benchmarked and improved vision software merging frames from 6 camera feeds on SPHERES satellites Program for Research In Mathematics, Engineering and Science , MIT	9/14—12/14 2/13—9/13
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 YHack Datto 4K Challenge Winner MIT 6.148 Web Programming Competition 4th Place & Most Responsive Design William Lowell Putnam Mathematical Competition 50th place, Honorable Mention Canadian Math Olympiad 7th place, Honorable Mention (IMO alternate) Intel Science Talent Search Semifinalist Intel International Science and Engineering Fair Fourth Award in Mathematics USA Junior Math Olympiad 6th place, Winner (MOSP participant)	2015 2015 2015 2014 2014 2014 2011 2011
Languages	Python, JavaScript, Node, Angular, HTML, CSS, SQL, MongoDB, Java, Git, C++, MATLAB, LaTeX, Farsi, French	
Projects	http://vahid.io	