

Education	Massachusetts Institute of Technology , Cambridge, MA	June 2018
	S.B. in Computer Science and Engineering, S.B. in Math, M.Eng. in EECS	Major GPA: 5.0/5.0
	6.869 / Advances in Computer Vision	6.806 / Advanced NLP
	6.875 / Cryptography & Cryptanalysis	6.867 / Machine Learning
	6.172 / Performance Engineering	6.828 / Operating Systems
	6.170 / Software Studio	6.034 / Artificial Intelligence
	6.046 / Analysis of Algorithms	
	Teaching Assistant: 6.170 / Software Studio, 6.006 / Intro to Algorithms	
	Phillips Exeter Academy , Exeter, NH	June 2014
Work	Stripe — <i>Software Engineering Intern</i>	5/17–8/17
	Hudson River Trading — <i>Winter Intern</i>	1/17
	Worked on automated trading in financial markets	
	Google — <i>Software Engineering Intern</i>	5/16–8/16
	Built web component in AdWords to display ad performance estimates in real-time	
	Decreased latency of backend services by migrating to improved tech stack	
	Nasdaq — <i>Software Engineering Intern</i>	6/15–8/15
	Designed and implemented an algorithm to trigger stock price alerts, validated by testing on historical data	
	Designed and built Python backend of prototype for file management and collaboration product	
Leadership	ProjX — <i>Director</i>	9/15–current
	Head of committee that provides funding and support for over 100 student projects per year	
	Plan and run dinners and meetups for students to work on their side projects	
	Member of TechX executive committee involved in high-level event planning for HackMIT, MakeMIT, xFair	
Research	InfoLab , MIT	12/16–current
	Enhancing a natural language question-answering system with information sourced from webpages	
	Space Systems Lab , MIT	9/14–12/14
	Benchmarked and improved vision software merging frames from 6 camera feeds on SPHERES satellites	
	Program for Research In Mathematics, Engineering and Science , MIT	2/13–9/13
	Established mathematical definitions and classified families of permutations for new equivalence relations	
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.	
	Kockel et al. A Drosophila LexA Enhancer-Trip Resource for Developmental Biology and Neuroendocrine Research. <i>G3: Genes, Genomes, Genetics</i> , Aug 2016.	
Awards	YHack	Datto 4K Challenge Winner 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
	USA Junior Math Olympiad	6th place, Winner (MOSP participant) 2011
Languages	Python, Java, C++, JavaScript, Node, Dart, Angular, HTML, CSS, SQL, Mongo, MATLAB, Farsi, French	