

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
	6.006 / Intro to Algorithms	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	
Leadership	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	
	ProjX — <i>Director</i>	9/15–current
	Leading committee of 15 members who fund, guide, and promote 70+ student projects per year Member of TechX executive committee involved in high-level event planning	
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-Trap Resource for Developmental Biology and Neuroendocrine Research. <i>G3: Genes, Genomes, Genetics</i> , Aug 2016.	
Awards	YHack	Datto 4K Challenge Winner
	William Lowell Putnam Mathematical Competition	50th place, Honorable Mention
	Canadian Math Olympiad	7th place, Honorable Mention (IMO alternate)
	Intel Science Talent Search	Semifinalist
	USA Junior Math Olympiad	6th place, Winner (MOSP participant)
Languages	Python, Java, C++, JavaScript, Node, Dart, Angular, HTML, CSS, SQL, Mongo, MATLAB, Farsi, French	