

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	Rockset — <i>Software Engineering Intern</i>	6/18—expected
	Stripe — <i>Software Engineering Intern</i>	5/17—8/17
	Improving network routing, monitoring, and deployment for backend services	
	Building infrastructure to scale up continuous integration system	
	Hudson River Trading — <i>Winter Intern</i>	1/17
	Worked on infrastructure and algorithms for 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	KPCB Fellows Program — <i>Engineering Fellow</i>	6/17—8/17
	Eta Kappa Nu (HKN) Honor Society — <i>Secretary</i>	4/17—current
	TechX SpecialX — <i>Director</i>	3/17—current
	Head of committee that explores novel events and programs to promote tech at MIT	
	TechX ProjX — <i>Director</i>	3/16—3/17
	Head of committee that provided support for over 100 student projects, overseeing \$40K budget	
Publications	Kockel et al. A Drosophila LexA Enhancer-Trap Resource for Developmental Biology and Neuroendocrine Research. <i>G3: Genes, Genomes, Genetics</i> , Aug 2016.	
	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	CHIMEHACK	Facebook Social Good Prize Winner
	YHack	Datto 4K Challenge Winner
	William Lowell Putnam Math 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, React, Angular, HTML, CSS, SQL, Mongo, MATLAB, Farsi, French	