

Education	<b>Massachusetts Institute of Technology</b> , Cambridge, MA	June 2018
	S.B. in Computer Science and Engineering, S.B. in Math, M.Eng. in EECS 6.869 / Advances in Computer Vision      6.806 / Advanced NLP      6.170 / Software Studio 6.875 / Cryptography & Cryptanalysis      6.867 / Machine Learning      6.034 / Artificial Intelligence 6.172 / Performance Engineering      6.828 / Operating Systems      6.046 / Analysis of Algorithms Teaching Assistant: 6.170 / Software Studio, 6.006 / Intro to Algorithms	
	<b>Phillips Exeter Academy</b> , Exeter, NH	June 2014
Work	<b>Paragon</b> — <i>Lead Engineer</i>	11/16—current
	<b>Stripe</b> — <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	
	<b>Hudson River Trading</b> — <i>Winter Intern</i>	1/17
	Worked on infrastructure and algorithms for automated trading in financial markets	
	<b>Google</b> — <i>Software Engineering Intern</i>	5/16—8/16
Leadership	Built web component in AdWords to display ad performance estimates in real-time Decreased latency of backend services by migrating to improved tech stack	
	<b>Nasdaq</b> — <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	
	<b>KPCB Fellows Program</b> — <i>Engineering Fellow</i>	6/17—8/17
	<b>Eta Kappa Nu (HKN) Honor Society</b> — <i>Secretary</i>	4/17—current
	<b>TechX SpecialX</b> — <i>Director</i>	3/17—current
Publications	Head of committee that explores novel events and programs to promote tech at MIT	
	<b>TechX ProjX</b> — <i>Director</i>	3/16—3/17
	Head of committee that provided support for over 100 student projects, overseeing \$40K budget	
	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      2017
	YHack .....	Datto 4K Challenge Winner      2015
	William Lowell Putnam Math 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, React, Angular, HTML, CSS, SQL, Mongo, MATLAB, Farsi, French	