Vahid Fazel-Rezai

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Education		
	Massachusetts Institute of Technology, Cambridge, MA	June 2018
	Master of Engineering, Electrical Engineering and Computer Science (concentrating in AI)	GPA: 5.0/5.0
	Bachelor of Science, Computer Science and Engineering (double major in Mathematics)	
	Phillips Exeter Academy, Exeter, NH	June 2014

Work		
	Rockset — *Software Engineer*	6/18—current
	Putting data to work, fast	
	Tarjimly — *Software Engineering Intern*	1/18
	Built a web editor for translating messages	
	Stripe — *Software Engineering Intern*	5/17—8/17
	Improving network routing, monitoring, and deployment for backend services	
	Building infrastructure to scale up continuous integration system	
	Hudson River Trading — *Winter Intern*	1/17
	Worked on infrastructure and algorithms for automated trading in financial markets	
	Google — *Software Engineering Intern*	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 — *Software Engineering Intern*	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 — *Engineering Fellow*	6/17—8/17
	Eta Kappa Nu (HKN) Honor Society — *Secretary*	4/17—4/18
	TechX SpecialX — *Director*	3/17—3/18
	Head of committee that explores novel events and programs to promote tech at MIT	
	TechX ProjX — *Director*	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. *G3: Genes, Genomes, Genetics,* Aug 2016.
	Vahid Fazel-Rezai. Equivalence Classes of Permutations Modulo Replacements Between 123 and Two-Integer Patterns. *Electronic Journal of Combinatorics*, 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