

Richard Zou		http://richardzou.me
Contact	richardzou@college.harvard.edu (212) 851-6278	46 Quincy Mail Center Cambridge, MA 02138
Education	Harvard University , Cambridge, MA	
	<i>A.B. Candidate in Computer Science</i> , Cumulative GPA 3.89	May 2017
	<ul style="list-style-type: none"> Coursework in: Systems Programming, Algorithms & Complexity (with data structures) Probabilistic Algorithms, Machine Learning, Statistical Linear Models, Probability 	
	Hunter College High School , New York, NY	
	<i>High School Diploma</i> , Cumulative GPA 3.97	June 2013
	Columbia University , New York, NY	
	<i>Visiting Student</i> , Cumulative GPA 3.96	Sep. 2011 – May 2013
	<ul style="list-style-type: none"> Completed college courses for high school credit. Selected Coursework: Numerical Algorithms, Programming Languages, Linear Algebra, Advanced Programming, Quantum Computing, Multivariable Calculus 	
Technical Skills	Programming: Proficient: Java, C/C++, Python, OCaml Past Experience: Go, JavaScript, HTML/CSS	
Experience	Harvard Developers for Development , Cambridge, MA	
	<i>Term-Time Projects Co-Director</i>	Jan. 2015 – Present
	Oversee and manage five social impact technology project teams of 3-6 people each. Collaborate with partner organizations such as the Peace Corps and Partners in Health and mentor student teams to deliver web, mobile, and software products to improve the lives of others.	
	Akamai Technologies , Cambridge, MA	
	<i>Software Engineering Intern</i>	Summer 2014
	Developed analytical load-balancing tools using linear programming to improve the performance of a distributive monitoring system spanning 140,000 machines by up to 40 times. Analyzed thousands of data points using R and Python and designed new visualizations of Akamai's cloud platform in JavaScript with D3.js and Google Charts.	
Selected Projects	RecipeBox Web App , 2015	
	Developed as a collaboration between the Peace Corps and Harvard Developers for Development, RecipeBox is a web app that collects, organizes, and shares the recipes collected by the Peace Corps' volunteers from all over the world. Coded in Google Go. http://bit.ly/1BdceFD	
	Machine Learning: Learning to play Connect Four , 2014	
	A simple command line Connect Four game. We trained a neural network to play the game using genetic algorithms and a minimax AI. Coded in Java. http://bit.ly/1zgaSw0	
	See more of my projects at my Github account: http://github.com/zou3519	
Awards and Honors	National AP Scholar Award, 2013	
	National Winner, Continental Math League Calculus Division, 2013	
	6th Place Team, American Regional Mathematics League, 2013	
	1st Place Individual, NYC Interscholastic Math League Junior Division, 2012	
Leadership and Activities	Harvard Developers for Development , Cambridge, MA	
	<i>Term-Time Projects Co-Director</i>	Jan. 2015 – Present
	<i>Community Chair</i>	Feb. 2014 – Dec. 2014
	<i>Project Fellow</i>	Sep. 2013 – May 2014
	Harvard Undergraduate Math Association , Cambridge, MA	
	<i>Webmaster and Media Chair</i>	Jan. 2015 – Present
	<i>Academic Events Chair</i>	Sep. 2013 – Dec. 2014