

Allen Wu

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EDUCATION	Stanford University , Palo Alto, CA MS, Management Science & Engineering Current Coursework: Deep Learning, Mining Massive Data Sets, Financial Risk Analytics, Engineering Risk Analysis, Functional Programming in Clojure GPA: 3.88/4.00	2016-2018
	University of Chicago , Chicago, IL Bachelor of Arts, Mathematics, Phi Beta Kappa GPA: 3.89/4.00	2011-2015
EXPERIENCE	<i>Game Designer</i> Wizards of the Coast , Play Design	Fall 2017
	<ul style="list-style-type: none">• Tested, developed, and designed future Magic: the Gathering sets for fun, competitive balance, and replayability.• Designed Joust, a product to facilitate entry into competitive play.• Built tools to analyze internal testing, card files, and external tournament results. Advised competitive policy and design goals.	
	<i>Semi-Professional Magic Player</i>	2015-present
	<ul style="list-style-type: none">• Competed on the Professional Tour for Magic: the Gathering, a card game requiring extensive probabilistic decision analysis and optimization.• Built sheets to analyze both tournament data and personal testing results, forecasting metagame trends and finding the strongest strategies.• Achieved Silver-level Pro status in 2016 and 2017. Ranked 15th on the unofficial ELO leaderboard. 2 Grand Prix Top 8s with 1 win.	
	<i>Intern</i> Sandia National Laboratory , Resilience and Regulatory Effects	Summer 2014
SKILLS	<ul style="list-style-type: none">• Researched new developments in economic modeling and discussed the strengths and weaknesses of different models with a mentor.• Acquired, filtered, consolidated, and analyzed public data sets.	
	<i>Intern</i> Los Alamos National Laboratory , T-Division	Summer 2010
	<ul style="list-style-type: none">• Wrote a Java program to model fluid dynamics in collisions using finite element methodology in one and two dimensions.• Tinkered with the program to test the boundaries of the method.	
INTERESTS	<i>Programming:</i> Python, Julia, Java <i>Statistical Analysis:</i> Excel, Google Sheets, R, Stata <i>Software:</i> LaTeX, Powerpoint, OpenOffice	
	biking, yoga, board games, George Saunders, Miranda July, the Mountain Goats	