

Eugene Han

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EDUCATION	Carnegie Mellon University , Pittsburgh, PA Bachelor of Science in Mathematical Sciences Anticipated Additional Major in Computer Science	Aug 2015 - May 2019 (Expected)
	Bergen County Academies , Hackensack, NJ Graduated from the Academy for Engineering and Design Technology	Sep 2011 - June 2015
SKILLS	Programming Languages: Python, R, C, Java, SML, \LaTeX Software: Mathematica, Git, MATLAB, SAS	
WORK EXPERIENCE	Opticlose , New York, NY <i>Data Analyst</i>	Sep 2014 - Aug 2015
	<ul style="list-style-type: none">• Created R scripts for statistical analyses on sales data in order to predict which prospective customers will buy from our clients' sales teams• Developed a company specific library of R functions to assist in developing statistical models• Presented analysis results to current and potential investors	
	BCA Math Competition Camp , Hackensack, NJ <i>Teaching Assistant</i>	June - July 2013, 2014
	<ul style="list-style-type: none">• Lectured students on basic topics in combinatorics and provided one-on-one tutoring upon request• Taught strategies on approaching competition math problems and reviewed and discussed homework solutions with the students• Performed routine tasks including grading, proctoring, and generating exam questions	
ACTIVITIES	Carnegie Mellon Informatics and Mathematics Competition , Pittsburgh, PA <i>Executive Board</i>	Oct 2015 - Present
	<ul style="list-style-type: none">• Organized Carnegie Mellon's first mathematics and computer science competition for over one hundred high school students• Successfully performed arbitrary tasks day of competition to produce a smooth event• Developed spreadsheets to keep track of finances and competitor's scores	
	Bergen County Academies Math Team , Hackensack, NJ <i>Varsity Member, AMC12: 114, AIME: 5</i>	Sep 2011 - June 2015
	<ul style="list-style-type: none">• Participated in many prestigious competitions, such as ARML and Lehigh UMC• Volunteered by helping run the Sunday program targeted towards middle school students	
	Bergen Tech Knights , Hackensack, NJ <i>Varsity Co-Captain</i>	
	<ul style="list-style-type: none">• Committed approximately 20 hours per week to training, travel, and playing matches while simultaneously maintaining a full course load• Developed strong work ethic, perseverance, and flexibility to meet personal and team goals• Led the team to 4 straight division titles and was awarded MVP of the 2015 season	
HACKATHONS	HackCMU , Pittsburgh, PA <i>Awarair, Winner of the Harris Award</i>	Sep 2015
	<ul style="list-style-type: none">• Developed an application that transcribed and disseminated public safety audio transmissions in real time into text• Successfully developed a server and had it running on a virtual machine using python to create JSON text files of the transcribed audio segments to be saved into the database	
	Jane Street Electronic Trading Hackathon , Pittsburgh, PA	Nov 2015
	<ul style="list-style-type: none">• Developed an AI to trade on a simulated market using an ETF arbitrage strategy	