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## Education

<b>Massachusetts Institute of Technology, Cambridge, MA, U.S.A</b>	June 2024
Doctor of Philosophy (PhD) in Operations Research – Advised by Professor Dimitris Bertsimas	
<b>Princeton University, Princeton, NJ, U.S.A.</b>	June 2020
Bachelor of Science in Engineering (BSE). Concentration: Operations Research & Financial Engineering	
Certificates: Applications of Computing, Applied & Computational Mathematics, Statistics & Machine Learning	
GPA: 4.0 (on 4.0 scale), Valedictorian	
Selected Coursework: Algorithms and Data Structures, Big Data, Financial Mathematics, Fundamentals of Statistics, Linear Algebra, Linear Programming, Machine Learning and Pattern Recognition, Measure Theoretic Probability, Multivariable Calculus, Probability and Stochastic Systems, Programming Systems, Queuing Theory, Real Analysis, Regression and Applied Time Series, Theoretical Machine Learning, Reinforcement Learning, Convex Optimization	

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## Experience

<b>Contrary Capital – C20 Talent Fellow</b>	September 2020 – Present
Community of the top early-career engineers and product minds working in technology	
<b>D. E. Shaw Group – Quantitative Researcher and Software Developer</b>	May 2020-August 2020
Conducted high frequency order execution and market microstructure research	
<b>Princeton University – Bendheim Center for Finance</b>	September 2019-May 2020
Quantitative Finance Researcher supervised by Professor Yacine Ait-Sahalia	
<b>Princeton University – Operations Research and Financial Engineering</b>	May 2019-May 2020
Undergraduate Researcher supervised by Professor Miklos Racz	
<b>Oxford University - Integrative Computational Biology and Machine Learning Group</b>	February 2018-May 2020
Machine Learning and Computational Biology Researcher supervised by Dr. Aleksandr Sahakyan	
<b>Princeton University Writing Center</b>	September 2017-May 2020
Writing Fellow	
Offer individual conferences to undergraduate and graduate students across all disciplines of the University to workshop research papers, argumentative essays, etc.	
<b>Google – Software Engineering Intern in Machine Learning</b>	June 2019-August 2019
Conducted experimental advertisement revenue optimization	
<b>Princeton University – Mittal Lab: Security and Privacy</b>	February 2019-May 2019
Differential Privacy Researcher supervised by Professor Prateek Mittal	
<b>Montreal Institute for Learning Algorithms</b>	May 2018-June 2018
Deep Learning Researcher supervised by Professor Yoshua Bengio	

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## Honours

<b>The James Hayes-Edgar Palmer Prize in Engineering</b>	June 2020
Awarded for having best manifested excellent scholarship, leadership and achievement in engineering.	
<b>The Frank Castellana Prize</b>	June 2020
Awarded for outstanding scholarship and academic achievement in ORFE at Princeton University.	
<b>Richard D. Challener '44 Senior Thesis Prize in Canadian Studies</b>	June 2020
<b>Sigma Xi Research Honor Society</b>	June 2020
<b>Columbia University Presidential Fellowship (declined to attend MIT)</b>	February 2020
<b>2020 Rhodes Scholarship Finalist</b>	November 2019
<b>Phi Beta Kappa Academic Honor Society (inducted as a Junior)</b>	November 2019
<b>Class of 1939 Princeton Scholar Award</b>	August 2019
Awarded for having achieved the highest academic standing for all work at the University.	
<b>Tau Beta Pi Engineering Honor Society</b>	November 2018
Inducted as a Junior and elected as Chapter President for 2019 Calendar Year	
<b>Shapiro Prize for Academic Excellence 2017-2018</b>	August 2018
Awarded for outstanding academic achievement during Sophomore Year (top 3.5% of the class)	
<b>Shapiro Prize for Academic Excellence 2016-2017</b>	August 2017
Awarded for outstanding academic achievement during Freshman Year (top 3.5% of the class)	
<b>Canadian Math Open: National Bronze Award (overall) &amp; Silver Award (Quebec)</b>	Winter 2016
<b>Marianopolis College Award of Excellence for Outstanding Achievement in Math Competitions</b>	June 2016
<b>National Certificates of Distinction, University of Waterloo Fermat &amp; Euclid Math Contests</b>	2015

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## Skills

**Spoken Languages:** Fluent in English and French (Reading, Speaking, Writing)  
**Programming Languages:** Java, Python, C, C++, R, Julia, Matlab, SQL