

EDUCATION	<p>University of Waterloo M.Math. in Statistics (Sep 2023 - Apr 2025)</p> <ul style="list-style-type: none">• Advisor: Prof. Aukosh Jagannath• Thesis: <i>High-Dimensional Scaling Limits of SGD in Single-Index Models</i> https://hdl.handle.net/10012/21642 <p>Sharif University of Technology B.Sc. in Physics (Sep 2018 - Feb 2023)</p> <ul style="list-style-type: none">• Minor in Mathematics
RESEARCH EXPERIENCES	<p>Graduate Research Student, University of Waterloo (Sep 2023 - Apr 2025)</p> <ul style="list-style-type: none">• Supervisor: Prof. Aukosh Jagannath• Project: <i>High-Dimensional Scaling Limits of SGD in Single-Index Models</i> <p>Summer Research Intern, EPFL (July 2022 - Sep 2022)</p> <ul style="list-style-type: none">• Supervisor: Prof. Lenka Zdeborova• Project: <i>Assortative Partitions on Dense Random Graphs.</i>
HONORS AND AWARDS	<p>University of Waterloo Graduate Scholarship, 2025 Graduate Research Studentship, University of Waterloo, 2023-2025 International Master's Award of Excellence, University of Waterloo, 2023 MMath Entrance Scholarship, University of Waterloo, 2023 Summer@EPFL Fellowship, EPFL, 2022 Ranked 5th the 26th Iran University Physics Olympiad, Sanjesh Org., 2021 Silver Medal in the 30th Iran National Physics Olympiad, Sampad Org., 2017</p>
SUMMER SCHOOLS	<p>2024 CRM-PIMS Summer School in Probability, University of Montreal, Canada</p>
TEACHING EXPERIENCES	<p>Teaching Assistant, University of Waterloo (2023-2025)</p> <ul style="list-style-type: none">• STAT 333: Stochastic Processes 1 (Winter 2025, Winter 2024)• STAT 833: Stochastic Processes 2 (Fall 2024)• STAT 330: Mathematical Statistics (Spring 2024, Fall 2023)• STAT 231: Probability (Spring 2024)• STAT 230: Statistics (Spring 2024)• STAT 202: Introductory Statistics for Scientists (Fall 2023) <p>Teaching Assistant, Sharif University of Technology (2019-2022)</p> <ul style="list-style-type: none">• Thermodynamics and Statistical Mechanics III (Fall 2022, Fall 2021, Spring 2021)• Thermodynamics and Statistical Mechanics II (Spring 2021)• Thermodynamics and Statistical Mechanics I (Fall 2020)• General Physics III (Fall 2019)
SKILLS	<p>Programming: Experienced in C and Python Libraries: Familiar with Scikit-Learn, Keras, and TensorFlow Tools: Experienced in Wolfram Mathematica and \LaTeX Languages: English (C1), Turkish (Fluent), Azerbaijani and Persian (Native)</p>