

Parsa Rangriz

CONTACT INFORMATION	University of Waterloo Waterloo, ON, Canada, N2L 3G1	(548) 577 6360 prangriz@uwaterloo.ca
EDUCATION	University of Waterloo , Ontario, Canada Master of Mathematics in Statistics Supervisor: Aukosh Jagannath	Sep 2023 - Dec 2024 (Expected)
	Sharif University of Technology , Tehran, Iran Bachelor of Science in Physics Minor in Mathematics	Sep 2018 - Feb 2023
RESEARCH EXPERIENCES	University of Waterloo , Ontario, Waterloo Graduate Research Assitant Supervisor: Aukosh Jagannath	Sep 2023 - Dec 2024 (Expected)
	EPFL , Lausanne, Switzerland Summer@EPFL Research Intern Supervisor: Lenka Zdeborova	July 2022 - Sep 2022
	Sharif University of Technology , Tehran, Iran Undergraduate Research Student Supervisor: Amir Daneshgar	Feb 2021 - Aug 2021
HONORS AND AWARDS	UWaterloo Graduate Research Studentship University of Waterloo, Ontario, Canada, 2023-2024 UWaterloo International Master's Award of Excellence (IMAE) University of Waterloo, Ontario, Canada, 2023-2024 UWaterloo Master of Mathematics Entrance Scholarship University of Waterloo, Ontario, Canada, 2023 Summer@EPFL 2022 Fellowship EPFL, Lausanne, Switzerland, 2022 Silver Medal in the 30th National Physics Olympiad National Organization for Development of Exceptional Talents, Tehran, Iran, 2018	
SCHOOLS & WORKSHOPS	CRM-PIMS Summer School in Probability 2024 CRM, Universite de Montreal, Quebec, Canada, 2024 Quantum Thermodynamics Summer School 2021 ETH Zurich, Zurich, Switzerland, 2021 Mini-Course in Quantum Thermodynamics 2020 University of Sao Paulo, Sao Paulo, Brazil, 2020 (via ZOOM)	
TEACHING EXPERIENCES	University of Waterloo, Ontario, Canada Teaching Assistant <ul style="list-style-type: none">• STAT 330: Mathematical Statistics (Spring 2024, Fall 2023)• STAT 231: Probability (Spring 2024)• STAT 333: Stochastic Processes 1 (Winter 2024)• STAT 230: Statistics (Spring 2024)• STAT 202: Introductory Statistics for Scientists (Fall 2023)	

Sharif University of Technology, Tehran, Iran

Teaching Assistant

- PHY 156: Statistical Mechanics 3 (Fall 2022, Fall 2021, Spring 2021)
- PHY 155: Statistical Mechanics 2 (Spring 2021)
- PHY 154: Statistical Mechanics 1 (Fall 2020)
- PHY 013: Physics 3 (Fall 2019)

SELECTED
COURSES

University of Waterloo, Ontario, Canada (2023-2024)

- STAT 902: Theory of Probability 2 (Stochastic Calculus & Brownian Motions)
- STAT 891: Topics in Probability (Random Matrix Theory)
- STAT 908: Statistical Inference
- STAT 901: Theory of Probability 1 (Probability & Measure Theory)

Sharif University of Technology, Tehran, Iran (2018-2023)

Master's Level Course:

- MATH 627: Advanced Theory of Statistics
- EE 100: Information-Theoretic Methods in HDP
- MATH 672: Topics in Optimization (Graphical Models & Variational Inference)
- PHY 819: Machine Learning in Physics

PhD Level Courses:

- PHY 318: Advanced Topics in Quantum Information
- PHY 318: Quantum Information
- PHY 317: Quantum Computation
- PHY 319: Advanced Quantum Mechanics