

Tudor Popescu

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EDUCATION

Brandeis University , Waltham, MA	Aug 2021 - May 2026 (Expected)
M.S. in Mathematics (Received May 2023), Ph.D. in Mathematics, GPA: 4.00/4.00	
Carnegie Mellon University , Pittsburgh, PA	Aug 2017 - May 2021
Bachelor of Science in Mathematics, Minor in Philosophy, Graduated with College Honors, GPA: 3.37/4.00	

EXPERIENCE

Calculus Instructor, Brandeis University , Waltham, MA	Aug 2022 – May 2024
<ul style="list-style-type: none">Taught four calculus I courses, fostering a comprehensive understanding of fundamental calculus concepts and applications	
Assistant Foil Coach, NCAA Brandeis Fencing	Aug 2022 – Present
<ul style="list-style-type: none">Coach the fencing foil team, enhancing athletes' skills and performance through structured practice and strategic guidance	
USA Mathematical Olympiad Editorial Board Member, Mathematical Association of America , Remote	Feb 2022 – April 2025
<ul style="list-style-type: none">Create, review, and grade problems for the USA Mathematical Olympiad	
Graduate Putnam Coach, Brandeis University , Waltham, MA	Sep 2021 – Present
<ul style="list-style-type: none">Hold intense mathematics practices for the Brandeis Putnam team every week	
Instructor, Awesome Math Summer Program , Remote	June 2021 – Present
<ul style="list-style-type: none">Teach advanced courses in Algebra and Number Theory to high-school students preparing for Olympiads	
Lecturer, International Mathematics Summer Camp , Beijing, China	Summer 2023, 2024
<ul style="list-style-type: none">Taught four intensive courses to various teams participating in the International Mathematical Olympiad	
Data Science and Machine Learning Intern, SAP , Bucharest, Romania	June 2018 – Aug 2018
<ul style="list-style-type: none">Applied advanced statistical and mathematical models to analyze and predict trends in various time series dataAcquired proficiency in leveraging in-house forecasting tools and applying them effectively across diverse scenarios	

ACADEMIC PROJECTS

Undergraduate Research in Number Theory and Probability: Walking to Infinity – Team Project	January 2019 – May 2024
<ul style="list-style-type: none">Used number theoretical techniques to understand prime walks, wrote stochastic models in Python and CCo-authored three articles published in peer-reviewed journals and gave five talks	
2021 Quant Club Market Making Game (Sponsored by Goldman Sachs)	April 2021
<ul style="list-style-type: none">Earned first place (tie) in the price estimation leg and won in the trading leg	
Goldman Sachs CMU Quantathon	Feb 2019
<ul style="list-style-type: none">Won the mathematical finance competition run by CMU Quant club and sponsored by Goldman Sachs	

AWARDS

GSAS Professional Fellowships	2022
William Lowell Putnam Mathematical Competition: Top 200	2021
International Mathematics Competition: First Prize	2020
William Lowell Putnam Mathematical Competition: Top 500	2017, 2018
International Zhautykov Olympiad, Mathematics: Bronze Medal	2015

SKILLS

Programming: Python, LaTeX, C
Languages: Native proficiency in English and Romanian