

Fatemehzahra Janbazi

Curriculum Vitae

Department of Mathematics
University of Toronto
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Education

University of Toronto , Toronto, Canada Ph.D. in Mathematics (Supervisor: Prof. Arul Shankar)	Sep 2021 – Ongoing
Sharif University of Technology, Tehran, Iran B.Sc. in Mathematics, Cumulative GPA: 4.00/4.00 (18.93/20)	Sep 2016 – Jul 2021

Honors and Awards

Mary H. Beatty Fellowship, University of Toronto \$10,000 award for academic excellence	Sep 2025
Blyth Fellowship, University of Toronto \$10,000 award for academic excellence	Sep 2025
Blyth Fellowship, University of Toronto \$10,000 award for academic excellence	Sep 2024
Blyth Fellowship, University of Toronto \$10,000 award for academic excellence	Sep 2023
Blyth Fellowship, University of Toronto \$10,000 award for academic excellence	Sep 2022
Blyth Fellowship, University of Toronto \$10,000 award for academic excellence	Sep 2021
Ranked 1st in Mathematics and Double Major, Sharif University of Technology Ranked 1st among 50 students in Mathematics; 1st among 140 in Petroleum Engineering	2016–2021
Bronze Medal, National Mathematical Olympiad	Aug 2015

Preprints

On finiteness of pencil of plane curves F. Janbazi. Preprint. Available upon request.	2025
Boundedness of average rank of elliptic curves ordered by the coefficients F. Janbazi. Preprint. arXiv:2506.07089	2025
A unified finiteness theorem for curves F. Janbazi, F. Sajadi. Preprint. arXiv:2505.09804	2025

Invited Talks

Québec–Vermont Number Theory Seminar (QVNTS) Forthcoming invited talk. Montréal, Canada. https://montrealnumbertheory.org/seminars	Jan 2026
Lodha Mathematical Sciences Institute Arithmetic Statistics Workshop Lodha Mathematical Sciences Institute, Mumbai, India. https://lmsi.org/arithmetic-statistics-workshop	Aug 2025
UCalgary Algebra and Number Theory Seminar University of Calgary, Canada.	Apr 2025
Waterloo Number Theory Seminar University of Waterloo, Canada.	Apr 2025
CMS Winter Meeting Canadian Mathematical Society. Toronto, Canada. https://www2.cms.math.ca/Events/winter24/abs/efn	Dec 2024

Teaching Experience

Linear Algebra II (MAT224H1S) – University of Toronto Course instructor: delivered lectures, guided learning, graded, and held office hours.	Winter 2025
Introduction to Topology (MAT327H1Y) – University of Toronto Conducted tutorials, graded, and supported student learning.	Summer 2024
Math Learning Centre (NEW MLC S) – University of Toronto Tutored students in problem-solving sessions and provided academic support.	Winter 2024
Introduction to Number Theory (MAT315H1S) – University of Toronto Led tutorials, graded student work, and provided instructional support.	Winter 2024
Math Learning Centre (NEW MLC F) – University of Toronto Tutored students in problem-solving sessions and provided academic support.	Fall 2023
Introduction to Number Theory (MAT315H1F) – University of Toronto Conducted tutorials, graded, and supported students.	Fall 2023
Calculus II Online (MAT136H1Y) – University of Toronto Led online tutorials, graded assessments, and provided academic support.	Summer 2023
Online Math Learning Centre (Online Evening MLC S) – University of Toronto Tutored students in online evening sessions, graded, and provided academic support.	Winter 2023
Calculus I (MAT135H1S) – University of Toronto Conducted tutorials, graded assignments, held office hours, and supported student learning.	Winter 2023
Calculus II (MAT136H1F) – University of Toronto Conducted tutorials, assisted students, graded coursework, and supported course delivery.	Fall 2022
Introduction to Topology (MAT327H1F) – University of Toronto Conducted tutorials, graded assignments, and supported student learning.	Fall 2022

Groups and Symmetries (MAT301H1Y) — University of Toronto Led tutorials, graded, and supported instruction.	Summer 2022
Calculus II (MAT235Y1Y) — University of Toronto Led tutorials, graded student work, and provided learning support.	Summer 2022
PG Math Learning Centre (PG MLC S) — University of Toronto Tutored students in problem-solving sessions and provided academic support.	Winter 2022
Linear Algebra I (MAT223H1S) — University of Toronto Conducted tutorials, held office hours, graded student work, and assisted in course delivery.	Winter 2022
PG Math Learning Centre (PG MLC F) — University of Toronto Tutored students in problem-solving sessions and provided academic support.	Fall 2021
Linear Algebra I (MAT223H1F) — University of Toronto Conducted tutorials, graded assignments, and supported student learning.	Fall 2021

Other Activities and Skills

Programming: C++, C#, Matlab