

SHUBHANKAR

Mathematics PhD Candidate

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ABOUT ME

Hello! I am a PhD candidate at Western University. My doctoral advisor is Hristo Sendov. My mathematical interests lie in convex geometry, topology, computational geometry and differential geometry. My current research pertains to polar convexity and how it intertwines with the analytic theory of multivariable polynomials. Other than mathematics, I spend my free time reading, painting, rock climbing and working on small electronics projects.

EDUCATION

Western University

PhD in Mathematics

January 2022 – Present London, Ontario, Canada

Indian Statistical Institute, Bangalore Center

Master of Mathematics

August 2019 – May 2021 Bangalore, Karnataka, India

First division with distinction

Indian Statistical Institute, Bangalore Center

Bachelor of Mathematics with Honours

August 2016 – May 2019 Bangalore, Karnataka, India

First division with distinction

SKILLS

C++, Python, R
LaTeX, HTML, Sage
Coq, AGDA, Giotto, Octave



HONORS & AWARDS

- Madhava Mathematics Competition, 2017
- Received stipend from Indian Statistical Institute for the M. Math. program awarded subject to satisfactory academic performance.
- Received stipend from Indian Statistical Institute for all six semesters of the B. Math. program awarded subject to satisfactory academic performance.

WORKSHOPS AND SEMINARS

- Attended Fields Academy Graduate Course "Topological Galois Theory" by Prof. Askold Khovanskii, Sep 10, 2021 - Dec 8, 2021
- Attended NPTEL mini-course "Introduction to Quantum Computing: Quantum Algorithms and Qiskit", Aug 23, 2021 - Sep 22, 2021
- Attended Advanced Instructional School Riemannian Geometry, IISc, Bangalore, 2019
- Attended Teacher's Enrichment Workshop Topology, ISI Bangalore, 2018
- Reading project on Algebraic Curves with Prof. Umesh K. V. Dubey at Harish-Chandra Research Institute, 2018

WORK EXPERIENCE

Graduate Teaching Assistant

Math 1228

Jan – Apr 2022 Western University

Math 1228

May – Aug 2022 Western University

Math 1600A

Sep – Dec 2022 Western University

Math 2151

Sep – Dec 2022 Western University

Math 1600B

Jan – Apr 2023 Western University

Calculus 1501

May 2022 – Present Western University