Shubhankar

Mathematics PhD Candidate

Hello! My name is Shubhankar and 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.

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Education

Aug 2016 – May 2019
Bachelors in from **Indian Statistical Institute** with GPA of

Aug 2019 – May 2021
Masters in from **Indian Statistical Institute** with GPA of

- Fourier Analysis
- Differential Topology
- Commutative Algebra

- Operator Theory
- Lie Algebras and Lie Groups
- Topology III
- Advanced Functional Analysis

Jan 2022 – Invalid date

Mathematics PhD in from **Western University** with GPA of

- Algebraic Geometry
- Topological K-Theory
- Representation Theory
- Riemann Surfaces
- Characteristic Classes

Awards

Nov 2014

Digital Compression Pioneer Award from **Techcrunch**

There is no spoon.

Publications

Oct 2014

Video compression for 3d media by **Hooli**

Innovative middle-out compression algorithm that changes the way we store data.

Languages

| English | Near native |
| Hindi | ★★★ |

Skills

Coding Languages

C++ C Java Python R

Interests

Wildlife

Ferrets Unicorns