avatar

SHUBHANKAR
MATHEMATICS PHD CANDIDATE

👤 ABOUT

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.

💼 WORK EXPERIENCE

Pied Piper   Palo Alto, CA
Awesome compression company
🌐 http://piedpiper.example.com
December 2013 – December 2014

CEO/President

Highlights

Build an algorithm for artist to detect if their music was violating copy right infringement laws

Successfully won Techcrunch Disrupt

Optimized an algorithm that holds the current world record for Weisman Scores

🏅 AWARDS

November 2014

Techcrunch
🏆 Digital Compression Pioneer Award

There is no spoon.

PROJECTS

Miss Direction: A mapping engine that misguides you

CONTACT

80 Empress Avenue
London N6H 1M7 CA

4373351449

sshubhan@uwo.ca

shubh688.github.io

Twitter
shubh688

Github
shubh688

EDUCATION

2016 2019

Indian Statistical Institute
🌐 https://www.isibang.ac.in
🎓 Bachelors

2019 2021

Indian Statistical Institute
🌐 https://www.isibang.ac.in
🎓 Masters

Courses

Fourier Analysis
Differential Topology
Commutative Algebra
Operator Theory
Lie Algebras and Lie Groups
Topology III
Advanced Functional Analysis

2022 -

Western University

🌐 https://www.math.uwo.ca

🎓 Mathematics PhD

Courses

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

⋮≣ SKILLS

Coding Languages

C++   C   Java   Python   R

📖 PUBLICATIONS

Video compression for 3d media

🔖 Hooli

01 October 2014

🌐 http://en.wikipedia.org/wiki/Silicon_Valley_(TV_series)

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

♥ INTERESTS

Wildlife

Ferrets   Unicorns