

# **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.

### **\*** AWARDS

November 2014

#### **Techcrunch**

T 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



### **並 EDUCATION**

**Indian Statistical Institute** 2016 2019 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 **Western University** 2022 https://www.math.uwo.ca Courses Algebraic Geometry Topological K-Theory Representation Theory Riemann Surfaces Characteristic Classes



# Coding Languages C++ C Java Python

# **E** 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