

KARAN SRIVASTAVA

Department of Mathematics
University of Wisconsin
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EDUCATION

University of Wisconsin-Madison *Madison, WI*
Mathematics PhD *2020-present*

University of Illinois at Urbana-Champaign *Urbana-Champaign, IL*
BS Mathematics *2016-2020*
Magna Cum Laude, Highest Distinction in Mathematics

Math in Moscow *Moscow, Russia*
Study Abroad Program *Spring 2018*

PUBLICATIONS

“A Perturbation Bound on the Subspace Estimator from Canonical Projections” (with Daniel Pimentel-Alarcon) ISIT 2022

CONFERENCES

International Symposium on Information Theory *Espoo, Finland*
Presented an accepted publication *June 2022*

TALKS

A Perturbation Bound on the Subspace Estimator from Canonical Projections *Espoo, Finland*
International Symposium on Information Theory *June 2022*

An almost Impossible puzzle and group theory *Madison, WI*
AMS Student Chapter Seminar *June 2022*

Why people say “I can’t do math” *Park City, UT*
Presented an Ignite Talk at Park City Math Institute’s Summer School. *July 2019*
You can watch it [here](#)

AWARDS AND HONORS

Exceptional Teaching Award *University of Wisconsin*
Awarded to TA’s demonstrating excellence in teaching *2020-2022*

Edmund J. James Scholar *University of Illinois*
Undergraduate Honors Program *2017-2020*

Dean’s List *University of Illinois*
Awarded every semester *2016 - 2020*

ORGANIZATIONS AND OUTREACH

Directed Reading Program Organizer, Mentor	<i>University of Wisconsin Fall 2021-present</i>
Madison Math Circle Organizer	<i>University of Wisconsin Fall 2021-present</i>
Madison Experimental Mathematics Lab Graduate Coordinator	<i>University of Wisconsin Spring 2022-present</i>
Undergraduate Mentor Program Organizer	<i>University of Wisconsin Spring 2022-present</i>
Grad Student Visit Day Panel Graduate Coordinator	<i>University of Wisconsin Spring 2022</i>
Graduate Peer Mentor Program Mentor	<i>University of Wisconsin Fall 2022</i>

TEACHING EXPERIENCE

Math 240: Introduction to Discrete Mathematics Teaching Assistant	<i>University of Wisconsin Summer 2022</i>
Math 222: Calculus and Analytical Geometry II Teaching Assistant*	<i>University of Wisconsin Spring 2022</i>
Math 211: Calculus Teaching Assistant*	<i>University of Wisconsin Fall 2021</i>
Math 222: Calculus and Analytical Geometry II Teaching Assistant*	<i>University of Wisconsin Summer 2021</i>
Math 211: Calculus Teaching Assistant*	<i>University of Wisconsin Spring 2021</i>
Math 221: Calculus and Analytical Geometry I Teaching Assistant*	<i>University of Wisconsin Fall 2020</i>

*Awarded superior teaching assistant rating by the Department of Mathematics

RESEARCH EXPERIENCE

Illinois Geometry Lab Undergrad Research Program Advisor: Dominic Culver, Topic: Weierstrass equations of Elliptic Curves Advisor: Susan Tolman, Topic: Sphere packings on Symplectic Manifolds	<i>University of Illinois Spring 2020 Fall 2018</i>
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