

Yupeng Li

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EDUCATION

Duke University

Ph.D. in Mathematics

- Advisor: Prof. Ezra Miller

Durham, NC

Aug 2019-Present

University of California, Davis

B.Sc. in Mathematics, minor in Physics

- Graduated with Higher Honor
- Thesis: Representation of Degenerate Affine Hecke Algebra and its Application
- Supervisor: Monica Vazirani

Davis, CA

June 2019

RESEARCH INTERESTS

- **Combinatorial Algebraic Geometry:** Matroids
- **Combinatorial Commutative Algebra:** Resolution of ideals in polynomial rings

PREPRINTS/PUBLICATIONS

Coming soon!

AWARDS AND HONORS

- Thomas Salle Prize 2016 Honor Mention, 2016

AWARDS AND HONORS

- Introductory Combinatorics, Combinatorics section of Bookcamp for incoming PhD students, Aug 2021

CONFERENCE AND WORKSHOPS

- Bad Math Day, Saint Mary's College of California, Oct 2017
- Combinatorial Algebraic Geometry (Virtual), LMS-Bath Symposium, July 2021

TEACHING EXPERIENCE

Teaching assistant at Duke University

- MATH122L Introductory Calculus II with Applications, Fall 2019
- MATH212 Multivariable Calculus, Summer 2021
- MATH111L Laboratory Calculus I (Lab Instructor), Fall 2021