

JACOB V. GAITER

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ACADEMIC INTERESTS

Broadly interested in geometry and mathematical physics, specifically in symplectic geometry and the Gross-Siebert program in homological mirror symmetry.

EDUCATION

University of Texas, Austin

- Ph.D., Mathematics (In Progress, Expected Graduation: Spring 2028).

University of Colorado, Boulder

- B.A., Mathematics and Physics, *Summa Cum Laude* (2022).
- Honors thesis: *Classical and Quantum Reduction of the Hydrogen Atom*.

TEACHING EXPERIENCE

University of Texas, Austin

- Teaching Assistant, Business Calculus (Spring 2024).
- Teaching Assistant, Differential and Integral Calculus (Fall 2023).

University of Colorado, Boulder

- Grader, Linear Algebra (Spring 2020-Spring 2024).

SERVICE

Organization

- Co-organizer of *UT Austin Summer mini-courses* (Summer 2024). [Website](#).
- Organizer of *UT Austin Junior Geometry Seminar* (Fall 2023). Seminar [website](#).
- Co-organizer of *K-Theory Reading Seminar*, with Abhishek Shivkumar (Fall 2023). Seminar [website](#).

Outreach

- UT Austin Directed Reading Program Mentor, (Fall 2023, Spring 2024).
- Mathematics PhD program Representative to the UT Austin Graduate Student Assembly, (Fall 2023, Spring 2024).