
EDUCATION

- IN PROGRESS **M.S. Mathematics**, *University of Illinois Urbana–Champaign*
August 2026 – Present
- JUNE 2026 **Bachelor of Science with Honours, Class I**
(Applied Mathematics with Mathematics)
University of Birmingham
- JUNE 2026 **B.Sc. Mathematics and Applied Mathematics**, *Jinan University*

RESEARCH INTERESTS

Geometric analysis and geometric partial differential equations, particularly mean curvature flow, Ricci flow, and related problems in geometric evolution equations.

COURSEWORK

- Differentiable Manifolds I
 - Real Analysis
 - Abstract Algebra
 - Linear Analysis and Partial Differential Equations
 - Differential Geometry
 - Hilbert Spaces
- SPRING 2027 Differentiable Manifolds II (MATH 519) (*planned*)

READING AND INDEPENDENT STUDY

- FALL 2026 **Geometric Flows** (*in progress*)
Reading course with Eric Chen, *University of Illinois Urbana–Champaign*.
Current topics: partial differential equations and curve shortening flow.
- SPRING 2026 **Differential Topology**
Independent study with Hai-Long Her, *Jinan University*.
Topics: the Poincaré–Hopf theorem and generalizations of the hairy ball theorem.
- FALL 2025 **Algebraic Topology and Convex Geometry**
Reading seminar with Jinjin Yang and Hai-Long Her, *Jinan University*.
- ALY 2024 **Iwahori–Hecke Algebras and Braid Groups**
Independent study with Yue Zhao, *University of California, Davis*

AWARDS

- OCT. 2023 **Outstanding Student Third-Class Scholarship**
Jinan University
- Nov. 2022 **National College Students Mathematical Competition**
Provincial Third Prize
Chinese Mathematical Society
- 2021 **National High School Mathematics League (China)**
Provincial Second Prize; ranked 92nd in the province

RELEVANT SKILLS

- COMPUTING Mathematica, MATLAB, Python, C
- MARKUP $\text{\LaTeX}$, HTML, CSS
- LANGUAGES Chinese (native), English (fluent), Japanese (spoken)