



# Yiheng Liu

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## Research interest

Geometry & Topology






## Education

- 9,2020 – 7,2024     **Northwestern Polytechnical University, Xi'an, China**  
*B.S, Mathematics and Applied Mathematics*
- 3,2024 – 7,2024     **Shanghai University of Science and Technology, Shanghai, China**  
*Visiting Student.*






## Skills

- Languages     IELTS: **Overall:6.5** Speak:6.0 Writing:6.0 Listening:6.5 Reading:7.5.
- Coding     MMA, Matlab, LaTeX

## Seminars & Summer Schools

- 7,2022 – 7,2022     **Summer School of Complex Geometry and Several Complex Variables**  
*National Center for Mathematics Tianyuan*
- 8,2022 – 8,2022     **Summer School on Differential Geometry and PDE**  
*Nanjing University of Science and Technology*
- 3,2023 – 6,2023     **Seminar on Complex Analysis**  
*Learned Alfhors's **Complex Analysis***
- 7,2022 – 12,2022     **Seminar on Riemannian Geometry**  
*Learned Do Carmo's **Riemannian Geometry***
- 9,2023 – 12,2023     **Seminar on Geometric Measure Theory**  
*Learned some chapters of Leon Simons's **Geometric Measure Theory***

## Awards & Scholarships

-  **University-level scholarship, Northwestern Polytechnical University**
-  **Mathematical Contest in Modeling, Honorable Mention**
-  **Chinese Mathematics Competitions, Shaanxi Division, Second Prize (Mathematics major, class A)**
-  **Northwestern Polytechnical University Mathematics Competition, First Prize**
-  **Three-Dimensional Vision Scholarship**