








Education

- 2024 – 2026(expected)  **Master of Mathematics, University of Zurich**
- 2020 – 2024  **Bachelor of Mathematics, University of Science and Technology of China**
Thesis title: *Harmonic analysis and Fourier restriction problem*, supervised by Prof. Jingwei Guo
Report : *Siegel-Veech transform and counting problems* [\[PDF\]](#)





Research and Reading project

- 2025  Master thesis project related to **Minimal but Non-unique ergodic IETs**, supervised by Prof. Corinna Ulcigrai
-  Reading project on **Translation surfaces**, supervised by Prof. Corinna Ulcigrai
Report : *Siegel-Veech transform and counting problems* [\[PDF\]](#)
- 2023  Reading project on **Ergodic theory and its application to combinatorial number theory**, supervised by Prof. Song Shao.
Report : *An ergodic proof of Roth's theorem on arithmetic progressions*





Teaching Experience

- 2024 Spring  **TA for Linear Algebra B1**, lectured by Prof. Bailin Song
- 2023 Fall  **TA for Analysis B1**, lectured by Prof. Yihuang Shen


Talks

- 2025 Dec  Keane's conjecture on unique ergodicity of IETs, at **MAT766-Seminar on Teichmüller Dynamics of translation surfaces**, UZH, Switzerland
- 2025 Oct  Kaimanovich's geometric interpretation of Multiplicative Ergodic Theorem [\[Notes\]](#), at **Topics in zero entropy dynamics**-reading group of Prof. Ulcigrai's group, UZH, Switzerland
- 2025 Sep  Veech dichotomy and Counting saddle connections on translation surfaces, at **Topics in zero entropy dynamics**-reading group of Prof. Ulcigrai's group, UZH, Switzerland
- 2023 Nov  An ergodic proof of Roth's theorem on arithmetic progressions, at **Reading group of topological dynamics and ergodic theory**, USTC, China


Conferences and Schools attended

- Sep 2025  **Higher Dimensional Hyperbolic Geometry**, Ventotene (LT), Italy
- Jan 2025  **Winter School Côte d'Azur**, Université Côte d'Azur, Nice, France
- Sep 2024  **Rigidity phenomena in dynamics and spectral theory**, Zurich, Switzerland
- Aug 2024  **Advance in Dynamamics**, SUSTech, Shenzhen, China

Conferences and Schools attended (continued)

Jan 2024  **Winter School on Homogeneous Dynamics**, SCMS, Shanghai, China


Skills

Languages  Chinese (native), English (B2)

Coding  C, \LaTeX

Miscellaneous Experience

Awards and Achievements

2020,2021  **University Prize for Outstanding Student Performance**, University of Science and Technology of China.