

# Curriculum Vitae

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## Study Interests

The intersection of geometry, algebraic D-modules and representation theory

## Education

- 2024.2 – 2024.6 **BICMR** – Peking, P.R.China  
Enhanced Program for Graduate Study
- 2021 – now **Shandong University** – Jinan, Shandong, P.R.China  
The School of Mathematics
- 2020 – 2021 **Shandong University** – Jinan, Shandong, P.R.China  
The School of CSE

## Summer school & Minicourse

- July 2023 **Summer school on Geometry and Topology** in TMSCS  
Quantum group *Prof: Xueqing Chen*  
Graded differential geometry *Prof: Zhuo chen*  
Poisson geometry *Prof: Xianmeng Xu and Doc. Yu Li*
- June 2023 **Mordell-Weil Theorem** short course in TMSE  
*Prof: Qing Liu*
- July-Aug 2022 **Postgraduate Summer School on Dirac Cohomology and Langlands Functoriality**  
*Prof: Jingsong Huang*
- January 2022 **Galois theory and Galois cohomology** short course from UCAS  
*Prof: Yongquan Hu*

## Academic Experience

- April 2022 – April 2023 **Number theory and harmonic analysis**  
About using decoupling techniques on p-adic field to give an asymptotic estimate for solutions of certain diophantine equations.  
Advisor: *Prof. Xianchang Meng*

## Seminars

Fall 2023 - now	<b>Etale cohomology</b> <i>with Shutao Bi</i>
Fall 2023	<b>Commutative algebras</b> <i>Organizer: Jiacheng Li</i>
Sep 2023	<b>Birch-Goldbach Theorems</b> <i>Organizer: Sizhe Xie</i>
Spring 2023	<b>Fourier restriction and decoupling</b>
Fall 2022	<b>Lie algebras and linear algebraic groups</b> <i>with Ziwei Wei</i>

## Graduate Courses.

Spring 2023	<b>Selected topics in harmonic analysis</b> Prof: Liangpan Li
Fall 2022	<b>Algebraic Geometry</b> score: 98 Prof: Qifeng Li
Fall 2022	<b>Modular forms</b> score: 98 Prof: Bingrong Huang
Spring 2022	<b>Probabilistic Number Theory and Applications</b> score: 99 Prof: Xianchang Meng
Fall 2021	<b>Advanced modern Algebra</b> score: 89 Prof: Lilu Zhao

## Honors and Scholarships

2022	Academic Scholarship
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## Skills

Language	Chinese, French(DELF B1), English(IELTS 6.5)
Software	Matlab, python, C