

# Yi Lu

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## Education

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- ▶ **PhD candidate. Mathematics**, *Sep 2021 - Oct 2027 (exptected)*  
*Captial Normal University (CNU), Beijing, China*  
*The University of Liverpool (UoL), Liverpool, UK*
- ▶ **B.Eng. Internet of Thing**, *Sep 2016-June 2020*  
*Hebei University of Technology (HEBUT), Tianjin, China*

## Teaching and Working Experience

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### Teaching Experience

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- ▶ **CNU**
  - TA of Algebraic Geometry, *Feb 2024, July 2024*
  - TA of Algebraic Geometry, *Feb 2023, July 2023*

### Working Experience

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- ▶ **CNU**
  - Assistant of 2023 graduation defence, *June 2023*
  - Assistant of winter program for advanced class, *Jan 2023 - March 2023*

## Honor & Awards

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- ◇ First-class scholarship for graduate students (2023)
- ◇ 2023-th The Mammoth International Contest On OMICS Sciences Honorable mention (Rank:7/190; DNA Storage ) (2023)
- ◇ Alibaba Global Mathematics Competition (0.5%) (2022)
- ◇ Second-class scholarship for graduate students (2022)
- ◇ Second-class Scholarship for graduate students (2021)
- ◇ Excellent graduation project for 2020 undergraduate students of HEBUT (2020)
- ◇ The first prize of CMC (mathematics group) in Hebei Province (2019)
- ◇ The first prize of CMC (mathematics group) in Hebei Province (2018)
- ◇ The first prize of CMC (non-mathematics group) in Hebei Province (2017)

## Seminars

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- ◇ Groebner basis, SAGBI and Khovanskii basis (Jan 2024 -)
- ◇ Newton-Okounkov body (Jan 2024 - June 2024)
- ◇ Toric Variety (Sep 2022 - Dec 2022)
- ◇ Intersection Theory (Sep 2022 - Dec 2022)
- ◇ Algebraic Geometry (Feb 2022 - June 2022)
- ◇ Elliptic Curve (Sep 2021 - Dec 2021)

## Skills

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- ▶ **Programming:** C/C++, Python, Pytorch, Cuda C/Python
- ▶ **Languages:** English (IELTS 6.5), Chinese