

# Shuoyu Yan

## Curriculum Vitae

### Education

- 2024–2025 **M.S. in Mathematics**, *Université Paris–Saclay*.  
Will graduate in June 2025
- 2021–2024 **M.S. in Mathematics**, *Fudan University*.  
Supervisor: Prof. Yijun Yao  
◦ Graduated with honours.  
◦ Thesis: *Global Witten deformation on Lie groupoids*.
- 2017–2021 **B.S. in Mathematics**, *Harbin Institute of Technology*.  
Supervisor: Prof. Jinsong Wu  
◦ Graduated with honours (93.93%).  
◦ Thesis: *Bi-shifts of bi-projections on quantum groups*.

### Teaching & Advising

- 2021–2023 **Teaching Assistant**, *Department of Mathematical Science, Fudan University*.  
◦ Served as a grader in professional core courses such as mathematical analysis, complex analysis, functional analysis, etc.  
◦ Teaching recitations in mathematical analysis and functional analysis courses.
- 2020–2021 **Discussion and Seminar leader**, *Harbin Institute of Technology*.  
◦ Led group discussions for the 2nd-year students on measure theory and integration theory.  
◦ Led a seminar for the 4th-year students on abstract harmonic analysis.

### Languages

- Chinese **Native Speaker**.  
English **Fluent**, *IELTS 7.0, C1*.

### Research Interests

Functional Analysis, operator algebra, non-commutative geometry, and their connections with algebraic topology. In particular: index theory.

### References

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