

Wei Liu, Ph.D. Student

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🌐 <https://dougroun.westlake.edu.cn>



Courses that achieved an A score

CHEM 5025 Quantum Chemistry

ENG 5003 Improving Graduate English Proficiency II

CHEM 5035 Chemical Reaction Kinetics

ART 5003 Humanistic Interpretation of Western Music

Education

2022 – 2026 **Ph.D. Student, Westlake University** in Physical Chemistry.

2020 – 2022 **M.Eng., Harbin Institute of Technology** in Mechanical Engineering.

2016 – 2020 **B.Eng., Harbin Institute of Technology** in Mechanical Engineering.

Research Publications

Journal Articles

- 1 W. Liu, Z.-H. Chen, Y. Su, Y. Wang, and W. Dou, "Predicting rate kernels via dynamic mode decomposition," *arXiv preprint arXiv:2308.01635*, 2023.

Skills

Languages Strong reading, writing and speaking competencies for English, Mandarin Chinese.
Coding Julia, C#, Python, SQL, XML/XSL, \LaTeX , ...
Misc. Academic research, reading, training, and music production.

Employment History

2021 – 2022 **Intelligent Manufacturing Intern**, China Academy of Space Technology.

Miscellaneous Experience

Awards and Achievements

2022 **Graduate First Class Scholarship**, Harbin Institute of Technology.
 Top 10 Campus Singers, Harbin Institute of Technology.
2021 **Graduate First Class Scholarship**, Harbin Institute of Technology.
 Music Producer, Block Party.
2016 **Keyboard**, 92 Xidazhi Street Rock Band.

Certification

2020 **Project Management Professional**. Awarded by Project Management Institute.
2017 **CET-6**. Awarded by Education Examination Institute of the Ministry of Education.