



Xumin Liang

Independent Researcher

- February 2nd, 1997
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About Me

I am a motivated and passionate individual with a strong work ethic and a desire to excel. I possess excellent communication skills and the ability to work effectively in a team environment. My past experiences have honed my problem-solving abilities and critical thinking, making me a valuable asset to any organization.

Languages

2015	CET-4	509
2017	CET-6	501
2020	TOEFL iBT	87
2019	GRE Physics	870
2021	Deutsch	A1

Programming

	C	● ● ● ● ●
	Python	● ● ● ● ●
	Linux Shell	● ● ● ● ●
	Mathematica	● ● ● ● ●
	LaTeX	● ● ● ● ●

Working Experience

- 2024-2025.12 **Science Editor** Center of Mass Educational Tech. Co. Ltd.
Responsible for editing of lecture notes and test papers.
- 2021 **Teaching Assistant for General Relativity and Cosmology** TUM
Writing \LaTeX script and drawing \LaTeX Tikz diagrams.

Education

Master

- 2020-2024 **Master's Degree Dropout** Joint Master Student of LMU and TUM, Munich
Major in Theoretical and Mathematical Physics (TMP, Elite Network of Bavaria).

Undergraduate

- 2016-2019 **Bachelor of Science** Cuiying Honors College, Lanzhou University
Majoring in Physics (Cuiying Class). GPA 4.86/5.00, ranking 3. The students of Physics (Cuiying Class) are selected from School of Physical Science and Technology (287 students took part in the selected exam) as part of China's Top-Notch Undergraduate Training Program. More details in Cuiying Honors College Website <http://chc.lzu.edu.cn/>.
- July, 2017 **Summer School** Peking University
Summer Symposium on Physics.
- 2015-2016 **Bachelor** School of Nuclear Science and Technology, Lanzhou University
Majoring in Nuclear Physics and Particle Physics.

High School

- 2012-2015 High School The High School Affiliated to Shaanxi Normal University

Research Experience

- 2019-2020 **Topics in Contemporary Mathematical Physics** Book Translation
Translation from English to Chinese, "Topics in Contemporary Mathematical Physics" by Kai S Lam in California State Polytechnic University, USA
- 2018-2019 **Theoretical Research on Pure Anihilation Process of D Meson Decay** Bachelor Graduation Thesis
 $D_s^+ \rightarrow a_0\pi$
We study $D_s^+ \rightarrow a_0\pi$ decay process by dynamical method through drawing the quark's level topological diagrams and transferring them into hadron's level triangular diagram, writing program to calculate the amplitude of triangular diagram for calculating the branching fraction and compare the results with experiment.
- 2017-2018 **Baryonic D Decay** $D_s^+ \rightarrow p\bar{n}$ National Undergraduate Training Program
This project is mainly studying the only kinetically allowed baryonic D decay $D_s^+ \rightarrow p\bar{n}$ by using phenomenology theory method. We consider long-distance contributions to the final-state rescattering as one of the final-state interactions.

Volunteer Experience

- 2017 **Archives of Lanzhou University** Lanzhou University
Software and network maintenance work.
- 2017 **International Mathematics Conference** Lanzhou University
Preparation, reception and translation.

Awards

- 2019 Honors Student of China's Top-Notch Undergraduate Training Program
- 2019 Lanzhou University Excellent Graduation Thesis
- 2018 Successfully Participate in National Undergraduate Training Program for Innovation and Entrepreneurship
- 2017-2018 Lanzhou University Second Scholarship for Outstanding Students
- 2015-2016 Lanzhou University Second Scholarship for Outstanding Students