



Cunxin Huang

Senior student at School of Mathematics, Jilin University (JLU), China

Ranking: 2/109

GPA of Major Courses: 3.80/4.00

- February 11, 2000
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Major Courses

- Mathematical Analysis
- Advanced Linear Algebra
- Analytical Geometry
- Complex Analysis
- Real Analysis
- Functional Analysis
- Differential Equations
- Probability and Statistics
- Numerical Analysis
- Numerical Methods for PDEs
- Optimization
- Mathematical Modeling

Skills

LaTeX

C and C++

MATLAB

Python

Languages

- Mandarin (Native)
- English (B2)

Education

- 2018–present **BSc in Information and Computing Science** Jilin University
Completed the core courses of mathematics and major courses of computational mathematics with excellent grades.
- 2020 **Academic Exchange Program** Cambridge & Jilin University
Two-week online courses on Cryptography and Stochastic Differential Equations, awarded “Best Group Leader”.

Awards

Scholarships

- 2020,2021 First Class Scholarship Jilin University
- 2020 Zhao-Yue Scholarship School of Mathematics, JLU
- 2019 National Scholarship Ministry of Education, China

Competition Awards

- 2021 **Finalist Award** of Mathematical Contest in Modeling SIAM
- 2020 **First Prize** of National College Students Mathematical Competition CMS

Recognitions

- 2019,2020,2021 Excellent Member of the Youth League Jilin University
- 2019,2020,2021 Excellent Student Cadre Jilin University
- 2019,2020,2021 Excellent Academic Technology Award Jilin University
- 2020 Excellent Work-study Award Jilin University

Working Experience

- 2021–present **Academic Mentor for Freshmen** School of Mathematics, JLU
Guiding and monitoring the study of freshmen in the School of Mathematics.
- 2020–2021 **President of Student Union** School of Mathematics, JLU
Coordinating all departments of student union and organizing various activities.
- 2020–2021 **Teaching Assistant** School of Mathematics, JLU
Conducting discussion sessions on Mathematical Analysis and Advanced Linear Algebra for freshmen.
- 2019–2021 **Assistant Counselor** School of Mathematics, JLU
Giving freshmen useful guidance on study and life.

Extra-Curricular Activities

- 2021 **Interdisciplinary Training Program** Jilin University
Research on efficient numerical methods to solve put option pricing under institutional transformation model.
- 2019 **Poverty Alleviation Research** Si-Yuan Program
Two-week field research on the development of the wine industry for poverty alleviation in Hongsipu and analysis of future opportunities and challenges.
- 2019 **University Student Innovation Project** Jilin University
Discussion sessions about machine learning and searching for extended application of scorecard model.

Hobbies

- Sports Basketball (Starter for school team), Table tennis
- Arts Sketching, Calligraphy, Drama acting