



Jiacheng Zheng
CHINA
Interdisciplinary
Economics, Bio-engineering
Shandong University

+86 19992761017
✉ karcen_zheng@mail.sdu.edu.cn
✉ karcenzheng@yeah.net
知乎 Zhihu Profile
GitHub Profile

SUMMARY

Thanks for reading my CV. I am currently an undergraduate student pursuing a major in bioengineering at Marine College, Shandong University. Prior to this, I pursued studies in chemical engineering at Dalian University of Technology from 2019 to 2021. From 2022 to 2023, I have been selected to participate in the double degree experimental class of International Politics + International Economics and Trade at School of Northeast Asia Studies, Shandong University. During this period, I have actively engaged in policy-related economic research at Institute of International Studies, Shandong University as a researcher assistant, under the supervisor of outstanding postdoctoral fellow Dr. Jamal Khan and distinguished Professor Yuan Li. Additionally, I am a member of Climate Change Economics and Low Carbon Transition team at University College London (under the supervision of Prof. Zhifu Mi), Chinese Society of Optimization, Overall Planning and Economical Mathematics as well as Beijing Society of Image and Graphics. For any inquiries, Please feel free to contact me via email.

EDUCATION

- **Shandong University** GPA: 3.46(4/50 = 8%)
Bioengineering 2023–2026 (expected)
- **Shandong University** GPA: 3.7(8/30 ≈ 26.6%)
International Politics plus International Economics and Trade double Degree Experimental Class 2022–2023
- **Dalian University of Technology** GPA: 3.8/5.0(17/230 ≈ 7.4%)
Chemical Engineering 2019–2021

INTERNSHIP

- **The Bartlett School of Sustainable Construction, UCL** 2023–
Research Assistant, Supervisor: Prof. Zhifu Mi Online Project
 - Conducted research under the Climate Change Economics and Low Carbon Transition team at University College London, dedicated to promoting fair and effective climate policies. Primarily focused on economic analyses of climate change mitigation and adaptation, exploring the relationship between economic activities and greenhouse gases at global, national, and urban levels. The research aligns with United Nations Sustainable Development Goals 13 "Climate Action" and Goal 11 "Sustainable Cities and Communities." Key research themes include carbon emissions accounting, comprehensive climate change assessment models, emissions-health-economic coupling, urban low-carbon transitions, negative carbon technologies such as CCUS, and the sharing economy.
- **Institute of International Studies, Shandong University** 2023–
Research Assistant, Supervisor: Prof. Yuan Li, Dr. Jamal Khan Weihai
- **Golden Education** Summer 2023
Management Trainee of Marketing Department Weihai
 - Organized, planned, promoted, and implemented high-interest and high-value campus brand activities.
 - Expanded personal network through online new media and social channels, established connections with more students, and provided financial certificate consultation for students in need.
 - Assisted in developing the campus market and completing team tasks.

PERSONAL PROJECTS

- **MCM/ICM** 2020 2021 2023
Leader of Team
 - Mathematical modeling contest, responsible for modeling and paper writing.
 - Successful Participant(65%) P.S.I consider myself less proficient, as I have never received an Honorable Mention or a higher accolade. :(
- **APMCM** 2020 2022
Leader of Team

- Mathematical modeling contest, responsible for modeling and paper writing.
- Third Prize(25%) P.S. I have consistently received third-place awards, despite my efforts in studying mathematical modeling, and have never attained higher accolades. :’(

•iTooth with a Smooth Tongue

2022

Leader of Team

- Leader. Case Competition. To enhance public awareness of oral health and provide an Internet-based solution for dental well-being.
- Second Prize in the 13th National College Students "EINNOVATION/CREATIVITY/ENTREPRENEURSHIP" Competition.

•iLoveNoEmo

2023

Leader of Team

- Leader. Case Competition. Focusing on the mental health of young individuals, disseminating knowledge about psychological issues, and delivering a digitized solution for emotional well-being through a WeChat account.
- The Project of The 10th China International College Students' 'Internet+' Innovation and Entrepreneurship Competition.

•TEACH FOR CHINA (#Bilibili)

2023

Volunteer Teacher

- TEACH FOR CHINA program, ensuring all children in China, regardless of their background, have access to equitable and high-quality education.
- Record lessons for students in poor rural areas to promote educational equity.

TECHNICAL SKILLS AND INTERESTS

Languages: Chinese(Native), English(IELTS 7)

Softwares: Office Suite(advanced), Adobe Suite(intermediate), IBM-SPSS(intermediate), Matlab(intermediate), C(intermediate), OriginLab(intermediate), Python(intermediate), STATA(basic), R(basic)

Mathematical Level: Calculus I ,SDU(98/100), Calculus, DUT II (92/100), Linear Algebra, SDU(90/100), Probability and Mathematical Statistics Theory, DUT(88/100), College Physics (Classical Mechanics and Optics, DUT): 98/100, College Physics (Electromagnetism and Quantum Mechanics, DUT): 100/100

Areas of Interest: Solve interdisciplinary problems based on Graph Theory, Network Analysis, Machine Learning, and Natural Language Processing. Now I am working on Input-Output Analysis.

POSITIONS OF RESPONSIBILITY

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| •Head of External Relations, SDU 'Shanghai' Political Observation Club(School of Marxism) | 2023-2024 |
| •Secretary, SDU Department of Students Rights and Mental Health | 2022-2023 |
| •Vice Minister, DUT New Media Studio of Art Troupe of Youth League Committee | 2020-2021 |
| •vice-president, DUT Department of Literature and Art, School of Chemistry | 2019-2020 |
| •Secretary, DUT 'Yin Ji Guang Ying' New Media Studio | 2019-2020 |
| •Head, DUT College Housing Committee | 2019-2021 |
| •Registered Volunteer Mianxian Youth Volunteer Association, Mianxian County, China | 2016-2021 |

SCHOLARSHIP

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| •National Encouragement Scholarship(SDU) | 2023 |
| •Outstanding Student Award, Third Prize(SDU) | 2023 |
| •Academic Scholarship, Second Prize(DUT) | 2020 |
| •Spiritual Civilization Scholarship(DUT) | 2020 |
| •National Scholarship(DUT) | 2020 |

PAPERS AND PUBLICATIONS

[1] Khan J, Li Y, Zheng J. Linkages and Structural Changes in the Chinese Financial Sector, 1996–2018: A Network and Input–Output Approach[J]. Structural Change and Economic Dynamics, 2023.

· This research highlights the Chinese financial sector's significant impact on downstream growth, its vital intermediary role, internalization post-crisis, and underscores the importance of integrated policies for managing evolving systemic risks in the context of changing intersectoral dynamics.

CONFERENCE

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| •The 10th International Workshop on RUSE in China, Peking University | Presenter | 2023 |
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