



**Jiacheng Zheng**  
CHINA  
Interdisciplinary  
Bio-engineering  
Shandong University

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## SUMMARY

Thanks for reading my CV. I am currently an undergraduate student pursuing a major in bio-engineering at Marine College, Shandong University. Prior to this, I pursued studies in chemical engineering at Dalian University of Technology from 2019 to 2021. I have actively engaged in data science research at Institute of International Studies, Shandong University as a researcher assistant, under the supervision of postdoctoral fellow Dr. Jamal Khan and Professor Yuan Li. Additionally, I am a member of Climate Change Economics and Low Carbon Transition team (Building Intergovernmental Panel on Climate Change (IPCC) Database, under the supervision of Prof. Zhifu Mi and Dr. Haoran Zhang) at University College London, 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)
- **Dalian University of Technology** GPA: 3.8/5.0(17/230 ≈ 7.4%)  
*Chemical Engineering* 2019–2021

## INTERNSHIP

- **Tian Village, Weihai City, Shandong Province** 2024-present  
*Community Leader on Secondment* Weihai, China
  - Assisted in various community activities, including after-school tutoring for elementary students, daycare services, and science popularization efforts. Additionally, provided education on emergency first aid techniques, such as CPR and the Heimlich maneuver, and raised awareness about the prevention and treatment of AIDS and tuberculosis. This role was part of a university social practice program organized by Shandong University (Weihai) to promote communication and interaction between university students and the community, and to address real-world social issues.
- **The Bartlett School of Sustainable Construction, UCL** 2024-present  
*Research Assistant, Supervisor: Prof. Zhifu Mi, Dr. Haoran Zhang* Online Project
  - participated in the project “The analysis of the references of the Intergovernmental Panel on Climate Change Assessment Reports.
- **Institute of International Studies, Shandong University** 2023-present  
*Supervisor: Prof. Yuan Li and Postdoc Jamal Khan* Research Assistant
  - Participated in the construction of the Regional and Country-specific Big Data Center at Shandong University, responsible for programming, computer graphics, and laboratory maintenance. The research topics include machine learning and natural language processing.
- **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

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### •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

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**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.

## 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

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

<b>Jamal Khan, Ph.D.</b> jamalkhan_87@yahoo.com Ph.D. from Wuhan University,  Distinguished Research Fellow, Postdoctoral Fellow	<b>Yuan Li, Ph.D.</b> liyuan812k@163.com Shandong University, Executive Vice Dean of Institute of International Studies Distinguished Young Scholar (First Level) Former Professor at University of Duisburg-Essen, Assistant Professor at Stockholm School of Economics Visiting Professor (Zijin Scholar) at Nanjing University of Science and Technology Chairman of the Chinese Economic Association (UK/Europe)
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