

JIACHENG (JUSTIN) ZHANG

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EDUCATION

UNIVERSITY OF ILLINOIS

M.S. in Geographic Information Science
Illinois Professional Science Master's Concentration

Urbana-Champaign, IL
Candidate, December 2025

QUFU NORMAL UNIVERSITY

B.M. in Land Resource Management
Summa cum laude

Rizhao, China
July 2023
GPA 87/100

EXPERIENCE

YANTAI HAITIAN GIS TECHNOLOGY CO. LTD.

Intern

Yantai, China
February 2022 - May 2022

- Utilized total station and RTK to survey more than 30 villages, completing the outdoor survey, indoor data collection and mapping of the rural premises
- Photographed more than 30 patches per day for Afforestation Space-Proof Work

QUFU NORMAL UNIVERSITY, GEOGRAPHY & TOURISM DEPT.

Research Assistant

Rizhao, China
November 2021 – May 2022

- Interpreted artificially digital remote sensing images and classified land use (3 provinces covering approximately 7.87 million km² in northeast China)
- Used ArcGIS to analyze spatiotemporal features of land use and landscape changes and contributed to a new method for ecological service value calculation

SHANDONG INSTITUTE OF SPATIAL & REMOTE SENSING

Data Service Institute Intern

Jinan, China
July 2022 – August 2022

- Observed how to optimize ArcGIS Server map services, resulting in improved performance and user experience
- Established and maintained a comprehensive real estate and natural resources data warehouse to update information

ADDITIONAL

- Language Skills: Mandarin (native), English (native)
- Programming Languages: Python (intermediate)
- Computer Programs: ArcGIS Pro (advanced), ArcGIS Online (advanced), ArcMap (advanced), ArcGIS Field Maps (intermediate), ENVI Classic (intermediate), Excel (advanced), Adobe Photoshop (beginner), SPSS (intermediate), Logic Pro X (beginner)
- Relevant Coursework: spatial epidemiology, qualitative research methods, geospatial artificial intelligence & machine learning
- Core Team Member, Real Estate Appraisal Skills Competition, Rizhao China (2021)
- Shandong Provincial Government Scholarship, Education Department of Shandong Province (2020-2021)
- Wang, X., Pan, T., Pan, R., Chi, W., Ma, C., Ning, L., Wang, X., & Zhang, J. (2022). Impact of land transition on landscape and ecosystem service value in Northeast region of China from 2000–2020. *Land*, 11(5), 696.