



QINWEI ZHU

Date of birth: 12/04/2002 | Place of birth: Qidong City, China | Nationality: Chinese |
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Faberstraße 19, floor 1, Z116, 5200, Salzburg, Austria (Home)

Work experience

University research assistant | Smart City Perception and Simulation Lab at Nanjing Normal University | 01/06/2022 - 31/03/2023 | Nanjing, China

Supported various lab projects, focusing on web development and 3D visualization.

Gained proficiency in frontend framework (Vue) and utilized libraries such as Cesium. Executed cloud server deployment and cloud database creation/connection.

Explored 3D modeling using digital photography and Unreal Engine (UE5) for scene visualization.

Contributed to the lab's InSAR project frontend setup, specifically managing the responsive page design module.

Technical Support Intern | Nanjing Guotu Information Industry Co., Ltd. | 15/08/2023 - 15/09/2023 | Nanjing, China

Participated in the "Smart Water Conservancy" project, primarily focusing on mapping and plotting water conservancy infrastructure.

Also conducted remote sensing image detection tasks, including the preparation and generation of relevant training samples for machine learning applications.

Education & Training

Bachelor of Geographic Information Science | Nanjing Normal University - School of Geographical Sciences | 16/09/2020 - 30/06/2024 | Nanjing, China

Field of study Geographic Information Science | Level in EQF 6

Master of Science (M.Sc.) in Applied Geoinformatics | University of Salzburg | 01/10/2025 - Current | Salzburg, Austria

Field of study Applied Geoinformatics | Level in EQF 7

Advanced Training Course on Geographic Analysis Models | Nanjing Normal University - School of Geographical Sciences | 09/08/2021 - 16/08/2021 | Nanjing, China

Studied the theoretical foundations and practical applications of advanced spatial models including GeoDetector, GeoSOS, HASM, and GWmodelS.

Field of study Geographic Modeling and Spatial Statistics

Summer School: Geographic Big Data and Spatial Intelligence | Jiangsu Graduate Education | 17/08/2022 - 20/08/2022 | Nanjing, China

Focused on GIS applications in smart transportation, intelligent processing of novel remote sensing sensors, and remote sensing information extraction via deep learning.

Field of study Geographic Big Data / Remote Sensing

Summer Course: Carbon Sequestration and Land Use Optimization | Key Laboratory of Carbon Neutrality and Land Spatial Optimization, Ministry of Natural Resources | 02/07/2023 - 08/07/2023 | Nanjing, China

Explored implementation paths for carbon neutrality and land spatial optimization.

Covered topics including carbon cycle remote sensing and agricultural system carbon emissions.

Field of study Environmental Sciences / Land Use Optimization

Language Skills

Mother tongue(s): **Chinese**

	Understanding		Speaking		Writing
	Listening	Reading	Spoken production	Spoken interaction	
English	B2	B2	C1	B2	B2

Skills

Geospatial Software & Analysis | remote sensing techniques | handle geospatial technologies | geographic information systems | create GIS reports | use geographic information systems

Programming & Web Development | Python (computer programming) | Smalltalk (computer programming) | web programming | R | use data processing techniques

Data Processing & Visualization | use specific data analysis software | perform data analysis