

Zhihui Da

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🎓 Educations

University of Illinois Urbana-Champaign, Construction Management
Chang'an University, Road, bridge and river-crossing Engineering

Master's 2024.8 - now
Bachelor's 2021.8 - 2025.6

🏠 Campus Experience

CSSA Graduate Student Department, UIUC Vice President

2025.04 - now

- Participated in planning and organizing 3 entertainment and career development activities for more than 500 students from UIUC. Developed leadership and organizational skills.

Office of International Affairs, Chang'an University Student Assistant

2022.09 - 2023.06

- Assisted teachers in handling daily affairs for international students and the preparations for international academic conferences, and acquired Chinese and English communication and cross-cultural collaboration skills
- With excellent academic performance, was selected for the 3+2 joint degree program between Chang'an University and University of Illinois at Urbana-Champaign

🔧 Project Experience

Harrah's Rincon Resort Expansion Project Bid Simulation

2024.9 - 2024.12

The project is located in Valley Center, California. The project objective is to prepare bids for bid packages No.2 and No.5 of the Harrah's Rincon Resort expansion project.

- Responsible for the quantity takeoff and cost estimation of the bid packages No.5
- Utilize the RSMeans cost database to estimate the cost of earthwork, structure, and finishes for approximately \$8.5 million
- Proficient in the preparation of Bill Of Quantities and cost estimation process under the American AIA standard contract framework

Xi'an Metro Line 8 (Qujiangchi West to Hanyao Section)

2023.6 - 2023.8

The project is located in Xi'an, Shaanxi. The project department is responsible for the construction of all main structures of the Qujiangchixi to Hanyao section of Xi'an Metro Line 8.

- Participate in the construction drawing design of the tunnel support system, assist in completing the AutoCAD drawings of the key node support parts, and ensure that the design meets the on-site construction requirements
- Assist the technical director to analyze and interpret the construction drawings of the shield section, station main structure, etc., and gain an in-depth understanding of the conversion process from drawings to site
- Responsible for on-site quality inspection of processes such as steel bar binding and formwork support, and assisting in the rectification of more than 15 quality issues
- As one of the communication coordinators between the project department and the supervision unit, participating in weekly engineering meetings to report on construction progress

🏢 Internships

CSCEC Technical Engineer in Xi'an Metro Line 8

2023.6 - 2023.8

- Proficient in engineering drawing based on AutoCAD
- Master the transformation process from drawings to construction
- Responsible for construction site supervision
- Prepare construction progress reports

🏆 Awards

First Prize, Chang'an University Bridge Structure Design Competition

2022.5

⚙️ Skills

Engineering Software

Primavera P6, Microsoft Project, AutoCAD, Midas, VEROAD

Programming

Git, VS Code, Python, Julia, Typst

Language

English, Chinese Mandarin