

Personal resume



Basic Information

Name : Li Jiajun

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Telephone number : +86 15328228350

Date of Birth: 2000.02

Height: 180 cm

University: Hohai University



Educational Background

2018.09-2022.06 Xihua University

Water Supply and Drainage Science and Engineering (Undergraduate)

Major courses : Hydraulics, Water Analytical Chemistry, Engineering Mechanics, Engineering Drawing, Building Water Supply and Drainage, Pumps and Pump Stations.

2022.09-2025.06 Hohai University

Hydraulic Engineering (Master's Degree)

Major courses: Hydrological Stochastic Analysis, Coastal Zone Resource Development and Management, New Technologies and Applications in Port and Harbor Engineering, CAD and Numerical Analysis in Port and Harbor Engineering.

Campus Experience

2018.09~2022.06 (Undergraduate) Team name: BIM Innovation Application Team

[1] In the 2021 "Lu Ban Cup" National University BIM Graduation Design Works Competition (Undergraduate Group - A2) event, won the national first prize

2022.09~2025.06 (Master's Degree)

[2] Served as the vice-monitor of the Port, Coast and Offshore Engineering College

[3] Received the Second-Class Scholarship for Graduate Studies in 2023 and 2025

Patents and papers

[1] Deterioration laws of mechanical properties of additional protective measures concrete in the marine environment[J]. Journal of Ocean University of China, 2026 (proofreading) .

[2] Experimental and numerical investigation on the shear behavior of coralaggregate concrete beams with diverse concrete strength grades[J]. Structures, 2025.

[3] Invention Patent: Intelligent Control System and Method for Aquatic Plant Cultivation Based on Digital Twin Technology, 2023.

[4] Educational Reform Paper: Research on the Method of Cultivating Outstanding Innovative Talents in Universities Based on "Combination of Competition and Education"[J]. Journal of Higher Education, 2024.

[5] National Key Research and Development Program (Young Scientist Project), 2023YFB3711800, 2023/11~2026/10, In progress, Team Member.

[6] National Natural Science Foundation of China Young Fund, 52208241, 2023/1~2025/12, In progress, Team Member.

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Internship Experience

2023.02-2024.01 The River Basin Management Center of Shenzhen Technical Department

Participated in the hydrological model prediction analysis and flood control and drainage technical consultation project for the Shenzhen River Bay Basin. Fully utilized the existing hydrological analysis models and flood control and drainage facilities to better cope with various extreme weather conditions. Through the simulation and prediction of the hydrological model, the path of typhoons, rainfall amounts, and changes in water levels were analyzed, thereby enhancing the professional level of the existing system in terms of flood control, drainage, and emergency rescue.

During the "9.7 extreme and extremely heavy rainstorm" in Shenzhen, contributed to the successful defense against Typhoon Haikui and the flood control and drainage of the Shenzhen River Bay area, and was commended by the Shenzhen government.

Skill Certificate

- [1] University English Test 4/6 (CET-4/6)
- [2] National Computer Level 2
- [3] Car Driving License (C1)