

Yikai JING

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EDUCATION BACKGROUND

THE GEORGE WASHINGTON UNIVERSITY

Washington, D.C.

Major: Ph.D. of Water Resource Engineering- Single and Double Atom Catalysis

08/2023-

DUKE UNIVERSITY

Durham, North Carolina

Major: Master of Environmental Management -Water Resources Management

08/2021-06/2023

Main Courses: Hydrology, Water Finance, Water Quality Health, Environmental Chemistry, Environmental Aquatic Chemistry, Environmental Data Analytics, Applied Data Analysis.

HUAZHONG AGRICULTURAL UNIVERSITY

Wuhan, Hubei, China

Major: Bachelor of Environmental Engineering

09/2017-06/2021

GPA: 3.48/4.0 **Weighted Average Score:** 85.07/100

Main Courses: Water Pollution Control Engineering, Environmental Chemistry, Environmental Microbiology, Environmental Monitoring, Sewerage Pipeline Engineering, Fluid Mechanics, Engineering Mechanics.

Activities Experience:

Global Grand Challenges Summit 2019 (London)

13/09/2019-18/09/2019

Represented the university in the summit to collaborate with students from around the world to come up with green and sustainable business plans. Communicated with students, professors, experts, and enterprises from various countries about current environmental and engineering issues.

The 10th International Youth Summit on Energy and Climate (Shenzhen)

07/19/2018-07/22/2018

Communicated with government officials, experts, scholars, green enterprises, environmental NGOs and news media about environmental issues.

INTERNSHIP EXPERIENCE

Linfen Zhongping Engineering Project Management Consulting Co. Ltd

03/2020-04/2020

Position: Supervision Engineer Assistant

Assisted in supervising the main teaching building projects of Linfen Tongsheng Experimental Middle School.

Checked and collated data of monitoring points and the status of project compliance.

MyH2O Water Platform

02/2021-06/2021

Position: Research Assistant

Collected literature and data about water quality in rural areas in different parts of China.

Translated and proofread annual manuscripts.

RESEARCH EXPERIENCE

Influence and Mechanism of Soluble Organic Acids on the Morphology and Attribution of Fe and Heavy Metals in Water Sediments in Mining Area

05/2019-05/2021

Explored the chemical forms and contents of Fe and heavy metals before and after the interaction between organic acids and minerals. Analyzed the evolution process and release rule of Fe and heavy metals in sediments under the action of organic acids, light and other factors.

Worked as the project leader to take charge of clarifying the direction of the experiment according to the instructor's existing project and information. Took responsibility for data sorting, work arrangement and tests.

Research and Standard Setting of Converting Chicken Manure form Stratiomyiid

05/2019-05/2021

Investigated the main technological systems of chicken manure conversion by Stratiomyiid at home and abroad, determined 1-2 mainstream conversion technologies, as well as evaluated and established a sound technological process. Formulated the corresponding product standard and technical standard.

HONORS & AWARDS

Outstanding Graduate

2017-2021 Merit Student

Bronze Award in the 3rd and 4th Volunteer Service Project Competition of Huazhong Agricultural University