
NAME: KUN ZHANG



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HKUST, No. 1 University
Road, Clear water bay,
Hong Kong



Profile & Certificates

Language: Chinese, English (business level)

PhD-ing: Ocean remote sensing(2022-pre)

MSc. Hydrology and Ocean Engineering

BEng. Hydrology Engineering, Washington Accord Engineering Program

Member of several Engineering Associations

Certificates in CAD, PS, Programming(VB, SQL, C++), Bio&Chem; Research experience in Python, ArcGIS, fluid dynamics, and deep learning models.

Experience

2022.09-pre Hong Kong University of Science and Technology, Hong Kong

PhD in progress, research field: remote sensing, spatial positioning, modeling, computing, fluidics.

2023.09-2025.03 MIIT-Tsinghua University Leading Talent Training Program

Participate in the Ministry of Industry and Information Technology-Tsinghua University Leading Talent Training Program, training on cutting-edge technology.

2024.10-2024.11 ESA Program

Be selected for the satellite remote sensing program organized by the Chinese Ministry of Sci & Tech and the European Space Agency (ESA)

2024.09 Participate in paper review, ADMA2024

Reviewer of The 20th International Conference on Advanced Data Mining, Sydney

2024.06-2024.08 Academic Exchange in Europe

Visit the Image Reconstruction Laboratory at University of Amsterdam (Netherlands), Heidelberg University, and Technical University of Munich (Germany)

2022.06-2023.09 Institute of Oceanology, Chinese Academy of Sciences

Research topics related to marine cities and marine engineering

2021.09-2022.06 Hong Kong University of Science and Technology

Studied some courses in finance, business, innovation, etc., and obtained a Master's degree in Public Management(2022).

2017.09-2021.09 Work in Shenzhen and Guangzhou

Be the co-founder of a smart building and IoT startup. Meanwhile, I participated in some business courses at CUHK Business School. Then came the COVID-19.

2015.08-2017.08 Research in NCKU Taiwan

Master's research with direction in ocean remote sensing, risk modeling, and fluid dynamics. Participated in cooperative research projects with Kyoto University, Japan, and TU Hamburg, Germany. The university is a top-tier university in Taiwan, and the School of Engineering is listed in the top 50 globally.

2010.09-2014.12 Ken Swat Dam Project and Shihezi University

Bachelor's study and internship in the National Key Project Ken Swat Dam. The whole construction period was from Oct 2010 to Dec 2014. Meanwhile, I also participated in research on water engineering under the National Basic Research Program. Grant No.: 2010CB951004, National 973 Program.
