



Jiashun Wang

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EDUCATION

Harbin Engineering University

Master of Science in Marine Science (Joint Program with the First Institute of Oceanography)

Sept 2021 – June 2024 (Grad. June 2024)

Harbin, Heilongjiang, China

- **Grade:** GPA: 3.6/5.0 (Ranked 9 out of 93 students, Top 10%)
- **Thesis:** Characteristics and Drivers of Marine Heatwaves in the Indonesian Seas
- **Supervisor:** Sr. Engineer Li Shujiang, Assoc. Researcher Nie Xunwei

Guangdong Ocean University

Bachelor of Science in Marine Science

Sept 2017 – June 2021 (Grad. June 2021)

Zhanjiang, Guangdong, China

- **Grade:** GPA: 3.2/4.0 (Ranked 1 out of 9 students)
- **Thesis:** Research on Wave Forecast Technology Based on Deep Learning
- **Supervisor:** Li Qiang, Sr. Engineer Jiang Lifang

EXPERIENCE

Marine Heatwaves in the Indonesian Seas

Software Engineer (Internship)

July 2022 – June 2024

Qingdao, Shandong, China

- Developing a brand-new Roblox experience from scratch, collaborating with another developer to ideate, design, and implement the game mechanics, user interface, and core features using TypeScript and React.

Ocean Data Monitoring

Data Engineer (Internship)

April 2021 – May 2021

Zhanjiang, Guangdong, China

- Developing a brand-new Roblox experience from scratch, collaborating with another developer to ideate, design, and implement the game mechanics, user interface, and core features using TypeScript and React.

Deployment and recovery of ADCP at Zhanjiang Bay

Undergraduate student participant

Sept 2017 – June 2021

Zhanjiang, Guangdong, China

- Carried out a 2-day and 2-night shift rotation for ADCP deployment and recovery operations at Zhanjiang Bay.

PROJECTS

S_Tide tidal analysis toolbox documentation website

June 2025 – Present

- Developed a documentation website for the S_Tide tidal analysis toolbox based on GitHub and VitePress. The site includes download links for the toolbox, author information, detailed descriptions of various functions, and related academic articles.
- Committed to ongoing long-term maintenance and updates to ensure the website remains current and comprehensive.

SKILLS

Programming Languages: Python (Excellent), MATLAB (Excellent), Fortran (Proficient), C Language (Intermediate), R Language (Basic)

Numerical Modeling: SWAN wave model (Intermediate)

Cloud & DevOps: Git (Proficient), Docker (Basic)

Markup Languages: Markdown (Excellent), LaTeX (Intermediate)

COURSES & CERTIFICATIONS

Google – Google Data Analytics Professional Certificate

Dec 2024 – Present

Google – Data Analysis with R Programming

Dec 2024 – Present

DeepLearning.AI – Neural Networks and Deep Learning

Dec 2024 – Present

NISP – Level 1 Certification of the National Information Security Professional (NISP) Examination

Nov 2023 – Present

AWARDS

Harbin Engineering University – the Second-Class Graduate Academic Scholarship

Sept 2023 – June 2024

Harbin Engineering University – the Second-Class Graduate Academic Scholarship

Sept 2022 – June 2023

Harbin Engineering University – the Third-Class Graduate Academic Scholarship

Sept 2021 – June 2022

Guangdong Ocean University – the Third-Class Scholarship

Sept 2019 – June 2020

Guangdong Ocean University – the Third-Class Scholarship

Sept 2018 – June 2019

Guangdong Ocean University – the Third-Class Scholarship

Sept 2017 – June 2018