

Yang Aikeren

✉ Email: yangaikeren@outlook.com ☎ Tel: +86 13195214984



Education

TU Dresden, IHE Delft, UPC Barcelona, UL Ljubljana

| Sep. 2022-Sep. 2024

MSc. Flood Risk Management (Erasmus Joint Master scholar)

Pursing a Master's degree program funded by the European Union and collaboratively organized by four universities across Europe. This program has provided a robust foundation in technical disciplines while fostering the ability to excel in multicultural environments and contribute effectively to innovative and impactful projects.

Projects

- Enhanced sustainable practices in Chongqing, China, using the RCP8.5 climate scenario (R, QGIS), conducting climate change analysis and developing temperature prediction models.
- Developed spatial planning maps in Vodice, Slovenia, and conducted case studies on local business sustainability operations. Aligned regional environmental data for improved decision-making and reporting.
- Simulated ESG compliance for merchandise evaluation in Dresden, ensuring alignment with CSRD.
- Conducted case study on *Fairphone*, which is the pioneering sustainable phone brand in Europe.

Master Thesis: Improving flood forecasting for small catchments using LSTM Networks and advanced feature engineering

Flash floods in small catchments bring severe hidden dangers owing to rapid hydrological responses. Conventional LSTM models with raw input data usually produce large errors in flood peak forecasting. This paper adopts advanced feature engineering to extract effective hydrological variables and feed them into LSTM networks.

Florida Atlantic University, Florida, USA

| Apr. 2023- May 2023

A three-week educational trip organized by the South Florida Water Management District and Florida Atlantic University, funded by the USGS, designed to provide in-depth insights into advanced water modeling techniques, with a focus on ESG project initiatives and smart city design.

China Three Gorges University (CTGU)

| Sep. 2013-Jun. 2017

B Eng. Agricultural Water Conservancy Engineering

Annually scholar four years in a row/ Top 10% Student/Outstanding Cadre of the University Student Council / Excellent Assistant Freshman Counsellor.

Work Experience

Suzhou Austong Intelligent Robot Technology Co.,LTD

Project Manager

| Sep.2025- Jul.2026

- In charge of Abbott US, Japan and Hangzhou projects, coordinated resources and communication among different teams. Managed end-to-end project EHS, including root cause analysis for safety incidents, regular site safety inspections, safety training, fire evacuation route and risk assessment, BBS (Behavior-Based Safety) implementation, and closed-loop resolution of EHS issues via standardized methodologies.
- Provided written translation of full project acceptance documents, delivered interpretation for international meetings and client visits

Dulwich College Suzhou

| Mar.2025-Sep.2025

Commercial Event Manager

- Planned Educational events including summer camps, study tours, competitions and after-school courses, achieved a revenue of 1 million RMB within 6 months.

ASDAN (Award Scheme Development and Accreditation Network)

Regional Program Coordinator

| Sep.2019-Aug.2022

- Based on SDGs developed various educational programs, coordinated environmental protection program (Xishuangbanna Tropical Rainforest Restoration Plan, Ecological Survey around Hainan Island, etc.).

- Organizing the World Youth Economic Forum (WYEF) with over 2000 participants, coordinated logistics and academic materials, involved large amount of communication with different stakeholders.
- Focused on online and offline digital marketing. Achieved an annual growth rate of over 30%.

Product Manager

| Mar.2017- Aug.2019

- Responsible for translating and localizing imported product materials.
- Proficient in MS Office and design tools, designed posters and brochures for marketing materials, managed social media contents.

SKILLS

Fluent in English, native Mandarin speaker, Spanish(Beginner)

Quick learner, able to adapt to new concepts and environments swiftly.

Software Skill: Proficient in Excel, Word and PowerPoint, Adobe Illustrator, Adobe InDesign.

Programming: R, PYTHON, with a solid understanding of data analysis, statistical modeling.

ADDITIONAL EXPERIENCE

European Solidarity Corps - Youthpass Volunteering program in Latvia - Zero emission initiatives

Environmental Science Summer School Scholar at the Cambridge Trinity College

Lululemon Omnichannel Marketing Simulation - Digital and retail marketing strategies)

Translator of NOWA (Network of Women in Aquaculture)