Kang Zihao

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EDUCATION

MSc. in Energy and Environment   **Sept 2024 - Present**
City University of Hong Kong (CityU), Hong Kong, China
     Major: Energy and Environment
     Related coursework: Environment Engineering Science, Climate Change

BSc. in Ecology   **Sept 2019 - Jun 2023**
South China Agricultural University (SCAU), Guangzhou, China
     Major: Ecology (CGPA: 90.56/100)
     Thesis: Effects of Shading on the Community Weighted Mean Value of Functional Traits in Invasive Plant Communities

RESEARCH PROJECTS

Shading Affects the Average Functional Traits in Invasive Plant Communities
- Implemented a long-term periodic experimental method to investigate trait index through weekly assessments at the experimental site.
- Measured photosynthetic rates and CO_2 concentration in plants using a *Li-6400 meter*. Analyzed light induction and response curves with a *MINI-PAM-II chlorophyll meter.*
- Analyzed data using statistical software, and wrote the dissertation.

The Relationship Between Rice Traits and Climate Across Different Provinces
- Collected agronomic traits for approximately 10,000 rice varieties, including growth period, and plant height, along with climate factors from 1970 to 2010, such as annual average temperature and precipitation from database.
- Conducted correlation analysis to assess the relationship between rice agronomic traits and climatic factors.
- Wrote a research report.

INTERNSHIPS

Internship in Ecology Laboratory
South China Agricultural University, Guangzhou, China
- As assistant helped supervisor collecting and organizing experimental data.
- Assisted in conducting basic experiments, such as measuring nitrogen and phosphorus concentration in water and determining the area of red and green algae.
- Conducted field surveys to collect data for my research, contributing to the completion of my graduation thesis.

SKILLS

Programming Language
- **Python**: basic data manipulation and visualization.
- **R**: Moderate-level data analysis, using R Markdown to write articles, built my personal website.

Productivity
- **Miscellaneous:** Word, Excel, PowerPoint, GitHub, LaTeX

Languages
- **Chinese:** Mother tongue
- **English:** Second language (fluent)
- **Japanese:** Elementary proficiency

WORK EXPERIENCE

Procurement Engineer   Jul 2023 - Jun 2024

BYD, Shenzhen, China
- Managed the procurement of 2,500 types of stamped parts, overseeing over 40 suppliers and approximately 20 production bases.
- Communicated with suppliers to ensure they adhered to quality standards and delivered on time. Resolved various delivery-related issues raised by suppliers.
- Coordinated with the warehouse teams to optimize inventory management, reducing overstock situations while identifying delivery risks in advance.
- Prepared weekly data reports and provided feedback on business performance during team meetings and ensured compliance in procurement processes.