

# Danrong Zhou

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## EDUCATION

<b>Duke Kunshan University (DKU) &amp; Duke University Dual Degree</b> <i>B.S. in Computation and Design; Digital Media Track (DKU)</i> <i>B.A. in Interdisciplinary Studies; Computation and Design; Digital Media Track (Duke)</i>	Class of 2026 Kunshan, China Durham, U.S.
▪ Courses: Computer Science(Python), Math, Statistics (R), Media&Art(Image Analysis), Information Science(Algorithms), Interactive Design (Arduino, C++), Computer Graphics (JAVA, C++), Geographic Information System (QGIS software)	

## PROFESSIONAL EXPERIENCE

<b>Xueersi China</b> <i>Online Math/English Teacher</i>	Mar-Aug 2023 Beijing (Remote), China
▪ Served as an Online Math/English Teacher, contributing to the educational development of students. ▪ Uploaded comprehensive explanation videos of various questions to the Tipaipai app, enhancing students' understanding of key concepts. ▪ Developed detailed PowerPoint presentations for each question, facilitating a visual and structured learning experience. ▪ Demonstrated commitment by solving 5 problems daily, dedicating 10 minutes to explain each problem thoroughly. ▪ Utilized a hands-on approach, incorporating a handwriting process to illustrate key points, techniques, and an integrated problem-solving methodology.	
<b>Undergraduate Studies Office at DKU</b> <i>Student Worker (Ambassador Program)</i>	January 2022 Kunshan, China
▪ Received training from UG to promote DKU to the high schools in Jinan during the vacation as the leader of the ambassador team. ▪ Spearheaded initiatives to promote DKU in Jinan, successfully increasing awareness and engagement. ▪ Collaborated with a team of ambassadors to organize campus presentations aimed at showcasing university programs and benefits to high school students. Developed and delivered presentations to Shandong Experimental High School and Jinan Foreign Language School students, effectively communicating the advantages of attending DKU	
<b>Jinan Tianhui medical device company</b> <i>Product Intern</i>	May 2021-Aug 2021 Jinan, China
▪ Learned about the company's operations process and conducted market research and analysis of product competition. ▪ Wrote literature reviews related to medical equipment to support research and development initiatives. ▪ Assisted in organizing part of the product data, preparing weekly Excel spreadsheets, and creating PowerPoint presentations for team meetings and reports. ▪ Recorded comprehensive meeting notes to capture key discussions and decisions, ensuring accurate documentation, and uploaded them to the company's meeting record folder for future reference.	

## RESEARCH EXPERIENCE

<b>Peer Researcher</b>	Mar-Aug 2023 Suzhou, China
▪ Initiated a scientific research project with the theme of AI-enabled teaching reform, focusing on the innovative application potential of AI in language education. ▪ Adopted a combination of quantitative and qualitative research methods and clarified the needs of country middle school students for writing ability through multiple investigations such as literature review, pre-questionnaire collection, and post-interview collection, to screen suitable corpus, to develop targeted courses, conduct deliberate educational practices, and observe and record the implementation status. ▪ Supported solving technical problems in big language model. ▪ The outcome of the project is a teaching plan of AI applied to writing class and a research paper.	
<b>Research Program in Jinxi</b> <i>Research Worker</i>	August 2021 Kunshan, China
▪ Conducted field trips to immerse in the local conditions and customs of Jinxi, an ancient town, to gain firsthand insights into its challenges and opportunities. ▪ Conducted thorough literature reviews to deepen understanding of the historical and cultural significance of Jinxi. ▪ Collaborated with team members to generate a comprehensive research report titled "The Existing Problems and the Future of Jinxi."	

## **LEADERSHIP & SERVICE**

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### **Community Service Club at DKU**

#### *Member*

Aug 2021- Present  
Kunshan, China

- Collaborated with a team of 4 members to provide English language enrichment activities for 12 communities in the Kunshan neighborhood.
- Conducted interactive English language games to stimulate interest and engagement among community members.
- Designed and delivered English reading courses, creating engaging presentations and preparing relevant reading materials.
- Successfully organized and executed community events, contributing to the improvement of English language skills for over 100 children.
- Coordinated logistics, including designing PowerPoint presentations and ensuring the availability of necessary resources for each session.

### **Kunshan Marathon Competition**

October 2021

#### *Volunteer*

Kunshan, China

- Actively volunteered in the Kunshan Marathon Competition, contributing to the smooth execution of the event.
- Decorated the venue and ensured a welcoming atmosphere for participants and spectators.
- Distributed water and food to athletes, supporting their hydration and nutrition needs.
- Provided healthcare assistance throughout the running process, ensuring the well-being of participants.
- Collaborated with team members and athletes, demonstrating effective communication and coordination.
- Responsible for the cleanup and maintenance of the event space post-competition.

## **ADDITIONAL INFORMATION**

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**Languages:** German(beginner), English (fluent), Mandarin (native)

**Skills:** Python, R, MS Office, Photoshop, QGIS, Processing(c++), Arduino(c++), Public Speaking(Mandarin and English), Social Media Marketing, Team Collaboration, Poster Creation

**Interests:** Guitar, Video Games, Travel, Drawing