

Danrong Zhou

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EDUCATION

Duke Kunshan University (DKU) & Duke University Dual Degree

Class of 2026

B.S. in Computation and Design; Digital Media Track (DKU)

Kunshan, China

B.A. in Interdisciplinary Studies; Computation and Design; Digital Media Track (Duke)

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

Xueersi China

Mar-Aug 2023

Online Math/English Teacher

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 Tipapipai 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.

Undergraduate Studies Office at DKU

January 2022

Student Worker (Ambassador Program)

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

Jinan Tianhui medical device company

May 2021-Aug 2021

Product Intern

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

Peer

Mar-Aug 2023

Researcher

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.

Research Program in Jinxi

August 2021

Research Worker

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

Community Service Club at DKU

Aug 2021- Present

Member

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

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