

Xi (George) Wang

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EDUCATION

The Chinese University of Hong Kong, Shenzhen	2020–2023
Bachelor of Science in Computer Science and Engineering	
Undergraduate Research Award	Summer 2022–Summer 2023
Diligentia College Whetstone Social Learning Program Award	Fall 2023
University of Illinois Urbana-Champaign	2020–2021
School of Information Science	
Eastern Mediterranean International School, Tel-Aviv, Israel	2016–2019

LANGUAGE & TECHNICAL SKILLS

Languages: Mandarin (native), English (near native), French (intermediate), Hebrew (conversational)

Programming: HTML, JavaScript, Python, C++, Dart, Rust, Bash, Ruby, Kotlin, JAVA, TypeScript

EXPERIENCE

Lung Cancer Center Southern Medical University Guangzhou, China
Systems Engineer 2023–Present

Project: Virtual Platform Feasibility for Symptom Management in Lung Cancer Patients

- Collaborated with bioengineers to customize a virtual community for symptom management, such as BMI and BP, to enhance patient engagement and break barriers across space and time.
- Conducted analysis of the real-time data, identifying trends, and implementing improvements to optimize the platform's performance in delivering personalized care to lung cancer patients.

Chinese University of Hong Kong, Shenzhen Shenzhen, China
Research Assistant (PI: Dr. Yangyu Xiao) 2023–Present

Project: The AI-Enhanced Journey: Development of ChatGPT-integrated Content-Based Courses

- Directed four AI-integrated workshops for nearly 300 undergraduates, emphasizing the use of AI tools like ChatGPT, Gamma, and Microsoft Coach AI, to develop academic presentation skills.
- Initiated extensive research, including a comprehensive literature review and data analysis, to develop training materials aimed at improving AI utilization in the educational sector.

School of Humanities and Social Science, CUHK Shenzhen Shenzhen, China
IT Technician 2023–Present

- Administered a website for AI-integrated course content with AI tool guides, tutorial videos, training materials and educational blogs for students worldwide.
- Managed technical tasks such as optimizing the AI system for educational use, resolving technical issues, and implementing regular updates to further the AI-education integration initiative.

Self-Access Language Learning Center (SALL), CUHK Shenzhen Shenzhen, China
Teaching Assistant 2023–Present

- Instructed advanced academic mentoring for over 150 students, including personal consultations, paper feedback, and tutorial sessions, as Undergraduate Student Teaching Fellow at SALL Centre.
- Collaborated in refining SALL's educational materials, focusing on interactive learning tools and digital resources, such as integrating digital platforms like Blackboard and Moodle.

Shenzhen Institute of Artificial Intelligence and Robotics Shenzhen, China
Research Assistant (PI: Dr. Xiaoqiang Ji) 2021–Present

- Developed of a large-scale basic data quantification system, including the design and implementation of the front-end interface and user experience, using HTML, CSS, and JavaScript.
- Built a high-performance, high-concurrency server to implement various machine learning models and NLP to support the system’s data processing and storage needs.

TianEn Academy Ningbo, China
Cambridge IGCSE Mathematics Teacher 2019–Present

- Instructed five cohorts of students while designed and implemented comprehensive lesson plans in leveraging expertise in the subject matter to increase understanding and improve performance.
- Administered and graded examinations with a variety of teaching strategies, providing constructive feedback and offering strategies for improvement to students.

All Nations International Arizona, USA
Software Engineer 2019–2020

- Designed an Android app for ANI training curriculum and added a comprehensive Chinese language module, including text translation and recording Chinese audio for the entire curriculum.
- Organized and contributed to community outreach activities, providing educational assistance to students in hospitals and schools across Mexico, Uganda, and the United States

King Solomon School Hakfar Hayarok, Israel
Teaching Assistant 2018–2019

- Collaborated with lead educators to provide academic English support, assisting Israeli students in their assignments, school projects, and presentations in an English-Hebrew educational setting.
- Organized and coordinated student-centric activities, such as Spelling Bee, Reading Contest and English Presentation, effectively managing groups of up to 50 pupils.

Moshe Sharett Primary School Holon, Israel
English Teacher 2017–2018

- Created 6th-grade English curriculum, specifically designed for mixed-ability ESL students, focusing on tailored approaches for varied English proficiency levels.
- Employed social-cultural learning theories and interactive methods, such as project-based learning, to boost English proficiency and student engagement in a culturally enriched 6th-grade classroom.

PUBLICATION AND TALKS

Li, L., Meng, F.F., **Wang, Xi**, & Zhang, S.Y. (2023). Inaccuracy of an E-Dictionary and its influence on Chinese language users. *Proceedings of the 16th International Conference of the Asian Association for Lexicography* (pp.113-125). Seoul: Yonsei University.

Li, L., Meng, F.F., **Wang, Xi**, & Zhang, S.Y. (2023). The Impact of Technological Integration in EAP: Examining the Pitfalls of Youdao Dictionary for Chinese ESL Learners. 1st Symposium on Teaching English at Chinese Universities (STECU2023).

Wang, Xi, & Xiao, Y. (2023). Empower your presentations with ChatGPT. Talk presented at the Chinese University of Hong Kong, Shenzhen, Guangdong Province, China, November 2023.

Wang, Xi, & Zhao, J. L. (2023). Generative AI for Education: What’s New in Teaching Pedagogy and Learning Modality? (In Progress)