**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

**SAT:** 1510 **SAT Math:** 800 **IETLS:** 8.0 **IB:** 37

**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)