

# George (Xi) Wang

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## EDUCATION

<b>New York University</b>	<b>2024–Expected 2026</b>
Master of Arts in Learning Science and Experience Design (STEM)	New York City, USA
<b>The Chinese University of Hong Kong</b>	<b>2020–2023</b>
Bachelor of Science in Computer Science and Engineering	Shenzhen, China
<b>University of Illinois Urbana-Champaign</b>	<b>2020–2021</b>
School of Information Science	Urbana-Champaign, USA
<b>Eastern Mediterranean International School</b>	<b>2016–2019</b>
SAT: 1510    SAT Math: 800	Tel-Aviv, Israel

## DIPLOMA & CERTIFICATES

IBDP Teaching and Learning in a Global Context, DePaul University	2024
Teaching English to Speakers of Other Languages, The American TESOL Institute	2024

## LANGUAGE & TECHNICAL SKILLS

**Languages:** Mandarin (native), English (near native), French (intermediate), Hebrew (conversational)  
**Programming:** HTML, JavaScript, Python, C++, C#, Swift, Dart, Rust, Bash, Ruby, Kotlin, JAVA, TypeScript, SQL, PyTorch, TensorFlow, AWS, Azure, OpenMP, OpenCL, MPI, K8S, CUDA  
**Technical Skills:** Advanced MS Word/Excel/PowerPoint, Adobe Acrobat/Illustrator/PS/PR/InDesign, Google Sites/SEO, Blender (3D modeling), Unity, FinalCutPro, WordPress, Canva, QuickBooks

## PROFESSIONAL EXPERIENCE

<b>Visualization Imaging and Data Analysis Center</b>	2025–Present
<b>AR/VR Research Assistant</b> (PI: Dr. Jing Qian)	New York
<ul style="list-style-type: none"><li>Recruited participants and conducted longitudinal thematic analysis on AI-based fitness guidance in personal spaces for quantitative and qualitative academic paper writing.</li><li>Built a proactive AR app on Apple Vision Pro using spatial computing and LLMs to deliver real-time, context-aware guidance based on user actions and environment without manual input.</li></ul>	
<b>Division of Libraries, New York University</b>	2024–Present
<b>Research Assistant</b>	New York
<ul style="list-style-type: none"><li>Synthesized findings from 200+ papers on accountability and privacy in digital learning environments to design and deliver three university-wide workshops on responsible technology use.</li><li>Developed and deployed an E-learning website on responsible AI/technology with instructional design frameworks, reaching 500+ unique visits per month.</li></ul>	
<b>Lung Cancer Center Southern Medical University</b>	2023–2024
<b>Systems Engineer</b>	Guangzhou, China
<ul style="list-style-type: none"><li>Collaborated with bioengineers to construct a virtual community for symptom management, such as BMI and BP, to enhance patient engagement and break barriers across space and time.</li><li>Conducted analysis of the real-time data from 2000+ patients, identifying trends, and implementing improvements to optimize the platform's performance in delivering personalized care.</li></ul>	
<b>Chinese University of Hong Kong</b>	2023–2024
<b>Curriculum Research Assistant</b> (PI: Dr. Yangyu Xiao)	Hong Kong
<ul style="list-style-type: none"><li>Initiated extensive research, including a comprehensive literature review and data analysis, to develop training materials aimed at improving AI utilization in the educational sector.</li><li>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.</li></ul>	
<b>Shenzhen Institute of Artificial Intelligence and Robotics</b>	2021–2024
<b>Research Assistant</b> (PI: Dr. Xiaoqiang Ji)	Shenzhen, China
<ul style="list-style-type: none"><li>Architected a full-stack stock-market analytics platform with Hadoop/HDFS backend and a high-concurrency server hosting PyTorch-fine-tuned regression and NLP models with an interactive React front end for large-scale quantitative analysis and real-time visualization.</li></ul>	

## PUBLICATION AND TALKS

**Wang, Xi**, Zhang, S. Y., Meng, F., & Li, L. (2025). *The hidden pitfalls of e-dictionaries: How inaccuracies affect Chinese language users*. *Lexicography: Journal of ASIALEX*.  
**Wang, Xi**, Hu, J., & Ali, S. (2025). *MAATS: A Multi-Agent Automated Translation System Based on MQM Evaluation*[Manuscript under revision]. Submitted to EMNLP. arXiv:2505.14848.  
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.