George (Xi) Wang

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EDUCATION

New York University — **2024–Expected 2026**
Master of Arts in Learning Science and Experience Design (STEM) — New York City, USA
The Chinese University of Hong Kong — **2020–2023**
Bachelor of Science in Computer Science and Engineering — Shenzhen, China
University of Illinois Urbana-Champaign — **2020–2021**
School of Information Science — Urbana-Champaign, USA
Eastern Mediterranean International School — **2016–2019**
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
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

Visualization Imaging and Data Analysis Center — 2025–Present
AR/VR Research Assistant (PI: Dr. Jing Qian) — New York
- Recruited participants and conducted longitudinal thematic analysis on AI-based fitness guidance in personal spaces for quantitative and qualitative academic paper writing.
- 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.

Division of Libraries, New York University — 2024–Present
Research Assistant — New York
- 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.
- Developed and deployed an E-learning website on responsible AI/technology with instructional design frameworks, reaching 500+ unique visits per month.

Lung Cancer Center Southern Medical University — 2023–2024
Systems Engineer — Guangzhou, China
- 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.
- 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.

Chinese University of Hong Kong — 2023–2024
Curriculum Research Assistant (PI: Dr. Yangyu Xiao) — Hong Kong
- Initiated extensive research, including a comprehensive literature review and data analysis, to develop training materials aimed at improving AI utilization in the educational sector.
- 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.

Shenzhen Institute of Artificial Intelligence and Robotics — 2021–2024
Research Assistant (PI: Dr. Xiaoqiang Ji) — Shenzhen, China
- 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.

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.