George (Xi) Wang

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EDUCATION

New York University   **2024–Expected 2026**
M.A. in Learning Science and Experience Design (STEM)   New York, USA
The Chinese University of Hong Kong   **2020–2023**
B.Eng. 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

RESEARCH INTEREST

Human–Computer Interaction, Multi-Modality AI, Adaptive Environments, Accessibility, Natural Language Processing

PUBLICATION AND TALKS

Publications

- **Wang, X.**[*], Qian, J[*]., Li, X., Wu, G., Castelo Quispe, S., & Silva, C. (2025). *DuoZone: User-centric, LLM-guided mixed-initiative virtual window management for XR productivity*. **IMWUT under review.**
- **Wang, X.**, Hu, J., & Ali, S. (2025). *MAATS: A Multi Agent Automated Translation System Based on MQM Evaluation*.
- **Wang, X.**, & Shen, Y. (2025). *Home environment and students' creative thinking: An educational data science analysis of PISA 2022.* **AERA 2026 accepted**.
- **Wang, X.**, 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, X.**, Meng, F.F., & Zhang, S.Y., Li, L. (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. **ASIALEX 2023**
- Deng, J., Tu, F., Jiao, X., **Wang, X.**, Gao, N., & Shi, Y. (2025). *The Dynamics Interaction between Parents and Child in Homework Involvement.* **ISLS 2026 under review.**
- Shen, Y., Acar, S., & **Wang, X.** (2025). *From scores to support: Investigating the role of automated feedback in fostering student creativity* [Grant proposal submitted for review]. Division 10 Early Career Research Micro-Grants, American Psychological Association.

Invited Talks

- **Wang, X.** (2025, October 16). *NotebookLM for literature review: Organizing and connecting ideas with gen AI*. Teaching and Learning with Generative AI Virtual Symposium, New York University.
- **Wang, X.** (2025, February 26–March 12). *Rethinking our tech habits: Values and beliefs, accountability, and privacy* [Workshop series]. Bobst Library, New York University.
- **Wang, X.** (2024, January 29). *AI as a learning partner: Text, vision, and data with GPT.* [Roundtable discussion]. *ChatGPT and I* Workshop, The Chinese University of Hong Kong.
- **Wang, X.** (2023, December). *Generative platforms for presentations: From ideas to presentations.* [Workshop]. School of Humanities and Social Sciences, The Chinese University of Hong Kong.

RESEARCH EXPERIENCE

Visualization Imaging and Data Analysis Center   2025–Present
AR/VR Research Assistant (PI: Dr. Claudio Silva)   New York

- Co-designed and implemented a mixed-initiative XR workspace window management system on Apple Vision Pro, introducing spatial zones and an interaction cost model to reduce cognitive load and improve workspace wellbeing in XR.
- Conducted qualitative coding and empirical analysis of XR window management, focusing on mixed-initiative human–AI collaboration, layout stability, and readability in spatial workspaces.

Educational Communication Technology, New York University   2025–Present
Qualitative Research Assistant (PI: Dr. Maaike Bouwmeester & Dr. Tammy Huang)   New York

- Conducted 100+ journal articles on AI and Project-Based Learning while building a structured codebook to extract research purpose, theoretical frameworks, AI roles, and pedagogical outcomes.

Silver School of Social Work, New York University   2025–Present
Graduate Research Assistant (PI: Dr. Tina Kilaberia)   New York
- Conduct qualitative content analysis of 30+ U.S. state Master Plans on Aging, applying open coding and developing a codebook for elder financial exploitation, social isolation in the family context.

Division of Libraries, New York University   2024–Present
Research & Teaching Assistant (PI: Sam Mandani)   New York
- Designed and delivered 3 workshops on responsible technology use from findings of 200+ papers on accountability and privacy in digital learning environments.
- Developed and deployed an E-learning website on responsible AI/technology with 500+ unique visits per month.

Lung Cancer Center Southern Medical University   2023–2025
Systems Engineer   Guangzhou, China
- Developed an Android app for 2000+ patients over 2 years, implementing modules for real-time chat, health data logging (BMI, BP), and symptom management with AI user menus for guidance.
- Engineered MySQL and Redis for scalable data pipelines, model training, and result-visualization dashboards for clinicians.

Chinese University of Hong Kong   2023–2024
Curriculum Research Assistant (PI: Dr. Yangyu Xiao)   Hong Kong
- Designed and delivered 4 workshops for 300+ undergraduates on presentation skills using AI tools (ChatGPT, Gamma, and Microsoft Coach AI) to improve speech structure and delivery.

Shenzhen Institute of Artificial Intelligence and Robotics   2021–2024
Research Assistant (PI: Dr. Xiaoqiang Ji)   Shenzhen, China
- Hosted fine-tuned PyTorch regression and NLP models on a high-concurrency server with Hadoop/HDFS and React front end for large-scale quantitative analysis and real-time visualization.

ACADEMIC & PROFESSIONAL SERVICE

Reviewer, AAAI Conference on Artificial Intelligence	2025 – Present
Reviewer, ACM CHI.	2025 – Present
Member, NYU Global Student AI Advisory Group, NYU Office of the Provost	2025 – Present

HONORS & AWARDS

Administration, Leadership, & Technology Scholarship, New York University	2024 – 2026
Undergraduate Student Teaching Fellowship, Chinese University of Hong Kong	2023 – 2024
Diligentia Whetstone Award, Dligigentia College, Chinese University of Hong Kong	2023
Undergraduate Research Award, Chinese University of Hong Kong	2022 – 2024

DIPLOMA & CERTIFICATES

International Baccalaureate Diploma	2019
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