George X. Wang

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EDUCATION

Stony Brook University **2026– 2031(Expected)**
Ph.D. Student, Department of Engineering and Applied Science Stony Brook, USA
New York University **2024– 2026**
M.A. in Learning Technology and Experience Design New York, USA
The Chinese University of Hong Kong **2020–2023**
B.Eng. in Computer Science and Engineering Shenzhen, China
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, G.**[*], Qian, J[*]., Li, X., Wu, G., Castelo Quispe, S., & Silva, C. (2026). *DuoZone: User-centric, LLM-guided mixed-initiative virtual window management for XR productivity*. **IEEE TVCG**
- **Wang, G.**, Hu, J., Wu, G., & Qian, J. (2026). *CHORUS: Designing Human–AI Multi-Agent Collaboration for Professional Translators* **ACM ICMI**
- **Wang, G.**, Li, H., Lin, S., Wen, Y., Hu, J., & Jin, Y. (2026). *Feelium: A Touchable Blimp Body for Aerial Telepresence.* **ACM UIST EA**
- **Wang, G.**, & Shen, Y. (2025). *Home environment and students' creative thinking: An educational data science analysis of PISA 2022.* **AERA 2026**.
- **Wang, G.**, 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, G.**, 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**

Invited Talks

- **Wang, G.** (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, G.** (2025, February 26–March 12). *Rethinking our tech habits: Values and beliefs, accountability, and privacy* [Workshop series]. Bobst Library, New York University.
- **Wang, G.** (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, G.** (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

Google Research / NYU Steinhardt 2025–Present
Qualitative Research Assistant (PI: Dr. Yoav Bergner) New York

- Coded and rated **120–140** human–AI collaboration transcripts for **Conflict Resolution** and **Project Management** with turn-level evidence labels and summary scores.
- Conducted multi-round rater calibration and reliability analysis, evaluated agreement using **confusion matrices** and **weighted kappa (QWK)** to diagnose sources of rater disagreement.

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.

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.

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, ACM CSUR 2026
Reviewer, AAAI Conference on Artificial Intelligence 2025 – 2026
Reviewer, ACM CHI. 2025-2026
Member, NYU Global Student AI Advisory Group, NYU Office of the Provost 2025 – 2026

PROPOSAL EFFORTS

APA Division 10 Early Career Research Micro-Grant (Shen, Y., **Wang, X.** & Acar, S.) 2025

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