

WEI WU

EMPLOYMENT HISTORY

RESIDENT RESEARCHER <i>NYC Media Lab</i>	Sep 2024 – Jul 2025 <i>Brooklyn & New York, NY, U.S.</i>
RESIDENT RESEARCHER AND RESIDENT ARTIST <i>WetLab</i>	Aug 2024 – Aug 2025 <i>New York, NY, U.S.</i>
VR TECHNOLOGY ENGINEER, RESEARCHER <i>NYU Ability Lab</i>	Sep 2023 – Jul 2024 <i>New York, NY, U.S.</i>
THEME: QUEER ECOLOGIES (COLLECTIVE RESEARCH RESIDENCY) <i>Mildred's Lane Residency Program</i>	Jul 2024 – Aug 2024 <i>Narrowsburg, NY, U.S.</i>
PERMANENT SCRIPT CONSULTANT <i>Beijing Peking Opera Troupe (China's National Theatre)</i>	Jul 2020 – Present <i>Beijing, China</i>
RESEARCH ASSISTANT <i>Northeastern University</i>	Sep 2025 – Present <i>Boston</i>

EDUCATION

PHD STUDENT <i>Northeastern University</i> Ghost Lab <u>College of Arts Media and Design</u>	Sep 2025 – Present <i>Boston</i>
MASTER OF ART <i>New York University</i> ♦ General Areas: Human-computer interaction (HCI), Performance Art, Generative Artificial Intelligence. ♦ Research Topics: Digital Ecologies, Virtual Environment, Augmented reality, Site-specific art. ♦ Advisors and Labs: Primary Professor: Karen Holmberg, Ph.D. (NYU Gallatin School of Individualized Study, Director, WetLab) Individual Professor: Winslow Porter (NYU Tisch Interactive Telecommunication Program, NYC Media Lab) ♦ Thesis: There Must be a Lot of Cyber Fish in That Data Lake: Towards XR Eco-Theater ♦ Relevant Courses: Multi Sensory VR Experiences*, Augmented Reality Studio*, Python for Data Science and Machine Learning*, Machine Learning for the City*, Biophilic Experiences Design*, World-making with Unity*, Narrative Game Studio, Narrative Digital Media and Learning*, (* = A or greater achieved). ♦ Scholarships and Awards: Dean's Award for Summer Research, 2024 Siff Performance Thesis Grant, 2024 Gallatin Dean's conference Fund, 2024 Horn Family Fund for Environmental Research, 2022-2023 Gallatin Dean's scholarship, 2022 Gallatin Master Entrance Scholarship, 2022-2024	Sep 2022 – Aug 2024 <i>New York, NY, U.S.</i>
CERTIFICATE PROGRAM: DIRECTING AND PLAYWRITING <i>The Central Academy of Drama</i> Honors: Outstanding students	Sep 2018 – Feb 2019 <i>Beijing, China</i>
BACHELOR OF ART <i>South East University</i> ♦ Major: Chinese language and literature ♦ Honors and Awards: Model Student for 2013-2014 (Top 10%); Award for Outstanding Student Services for 2014-2015 (Granted for serving as the leader of an academic exchange delegation from Mainland China to Taiwan.) ♦ Thesis: The Subcultural World on the Road – Analysis of Road Movies from the Perspective of Youth Subculture (Awarded Excellent Bachelor's Thesis.)	Sep 2013 – Jul 2018 <i>Nanjing, Jiangsu, China</i>
EXCHANGE STUDENT IN DRAMA <i>Tunghai University</i> GPA: 4.0/4.0	Sep 2014 – Feb 2015 <i>Taichung, Taiwan</i>
EXCHANGE STUDENT IN PLAYWRITING <i>Beijing Film Academy</i> Overall Grade: A Award: Gold Award (Beijing Film Academy Playwriting Highest Honors)	Sep 2015 – Feb 2016 <i>Beijing, China</i>

SKILLS

Python, Javascript, Swift, C++, HTML, Agent-Based Model, Prompt Engineering, Machine Learning, Natural Language Processing, Large Language Models, Motion Capture, Augmented Reality Design, Virtual Reality Design, 3D Modeling, Unreal Engine, Unity, ARKit, ARCore, Blender, Lens Studio, Git, GitHub, Adobe

LANGUAGES

Chinese (*Native*), English (*Native*), Japanese (*Novice*)

HOBBIES

Film industry, Screenwriting, Drama, Virtual Reality, Augmented Reality, Artificial Intelligence

ADDITIONAL INFORMATION

SELECTED PUBLICATIONS, PAPERS, DEMOS AND PRESENTATIONS

Wei Wu, and Zhenlin Liu Commissioned by the Buddha: The Construction of Legitimacy in Wu Zhou's Political Authority through Buddhist Political Theory. *Modern Communication*. 2016, (24): 38-39. doi:CNKI:SUN:XKJJ.0.2016-24-020.

Wei Wu, and Zhenlin Liu How to Solve the Fragmented Dilemma of Public Administration: The Holistic Governance Experience of Shanghai 12345 Public Service Hotline. *Journal of Zhejiang Business Technology Institute*, 16.02(2017):8-12. doi:CNKI:SUN:ZJGS.0.2017-02-003.

Wei Wu. The Subcultural World on the Road – Analysis of Road Movies from the Perspective of Youth Subculture. *Journal of Liaoning Economic Management Cadre Institute*. 02(2018):45-48. doi:CNKI:SUN:LNJJ.0.2018-02-016.

Juan Zhang, Wei Wu. 2016. *Soul of Plants: Literary Plant Notes*. China Forestry Publishing House. ISBN: 9787503885228

Wei Wu, Binyan Xu. 2024. Fluid Thresholds: Sculpting Responsive XR Environments Through Biometric Interaction. Selected in Yale CCAM ULTRA SPACE Symposium.

(Description: Investigates the potential of biometric feedback in XR environments to create interactive ecological performances. This project engages audiences in immersive ecological narratives, allowing them to experience environmental systems through dynamic, real-time interaction.)

Wei Wu, Binyan Xu. 2024. Enhancing Art Accessibility for Low Vision Audiences Through XR. Selected in Cornell XR Access Symposium.

Wei Wu. 2024. 100 Days of Making Mobile Augmented Reality. XR Guild NYC Chapter and Global Events.

Wei Wu, Binyan Xu, Yihao Wang. 2024. AI as Performer: Exploring Non-Human Agency in the Anthropocene. Selected in NYU Sounds of De/Composition Conference.

(Description: Explores the role of AI in ecological theater, using text-to-motion AI to choreograph performances that reflect the decomposition and regeneration cycles in nature. This project reimagines non-human agency and challenges traditional performance frameworks by integrating AI into the performance process.)

Wei Wu, Binyan Xu. 2024. Being an NYC Oyster: A Biophilic Multisensory XR Journey into Nonhuman Perspectives. Selected in NYC Billion Oyster Project Symposium 2024.

Wei Wu. 2024. AI in Spatial Narrative. Invited by ShenZhen University, School of Architecture & Urban Planning.

Binyan Xu, Wei Wu. 2023. Oplay: Soft haptical interface design for Intergenerational relationship. Selected in Soft Robotics and Programmable Materials for Human-Computer Interaction Workshop in 2023 Designing Interactive Systems Conference (DIS).

Wei Wu, Binyan Xu. 2023. Printed Circuit into the 3D-printing Wearable Instrument-Peking Opera Vest. Demo in Construct3D Conference.

Binyan Xu, Wei Wu, Ziye Zhang. 2023. A Series of Wearable Social Games. 2023 International Festival of Independent Games (IndieCade).

Binyan Xu, Wei Wu. 2023. Soft Tactile Music Interface. Presentation in 2023 New York Public Library Assistive Technology Conference.

TEACHING SEMINAR

- ♦ "AI in Spatial Narrative" Lecturer, China ShenZhen University, School of Architecture & Urban Planning 2024
- ♦ "Dance and Algorithms" Seminar (Co-Founder) | NYU Tisch Interactive Telecommunication Program 2024 Description: Co-founded a seminar focusing on the integration of algorithmic choreography and ecological performance, exploring how AI and computational models can reshape dance and theater.
- ♦ Getting started with AI as your creative assistant | ITP Camp 2022
- ♦ Intro to Virtual Production Create first cinematic scene in Unreal Engine | ITP Camp 2022
- ♦ Intro to Mocap (Motion Capture) | Virtual Production Lab 2022 & 2023