Ningning Xu

Phd candidate
University of Nottingham, Ningbo

Research Interest: Augmented Reality (AR), Virtual Reality (VR) and Information Visualization.

🌐 **Website: https://axiosly.github.io/homepage/**

18906629366 📞
Ningbo, Zhejiang 📍
Axiosly 🎧
axiosly@gmail.com ✉
ningning.xu@nottingham.edu.cn
ningning.xu2002@alumni.xjtlu.edu.cn

🎲 EXPERIENCE

Teaching Assistant
Xi'an Jiaotong-Liverpool University
2021/2022 S2, 2020/2021 S2   *Suzhou*
- In CPT208 Human-Centric Computing.

Research Assistant
XrVis Lab, Xi'an Jiaotong-Liverpool University
2021.7 - 2022.1   *Suzhou*
- Research in the field of HCI.

Teaching Assistant
Xi'an Jiaotong-Liverpool University
2021/ 2022 S1   *Suzhou*
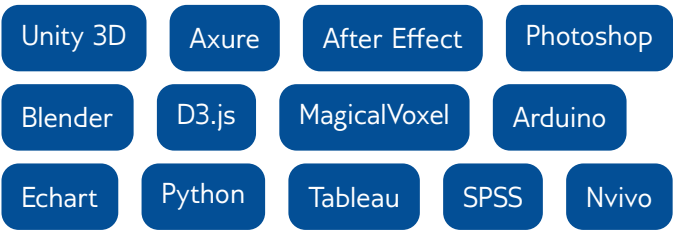- In CPT411 Evaluation Methods and Statistics.

Teaching Assistant
Xi'an Jiaotong-Liverpool University
2020/ 2021 S2   *Suzhou*
- In CAN304 Computer Systems Security.

⭐ SKILLS

`Unity 3D` `Axure` `After Effect` `Photoshop`
`Blender` `D3.js` `MagicalVoxel` `Arduino`
`Echart` `Python` `Tableau` `SPSS` `Nvivo`

✈ PROJECTS

TimeQuestAR
This project aims to develop an AR board game, unfolding cultural narratives through situated visualization for cultural learning.

HeritageSite AR
This project aims to develop an exploration game for quality education and sustainable cultural heritage.

BlueAlgae Pollution Vis
This project integrating the 3D digital twin technology, aims to help users detect and analyze the pollution situation of the lake surface and unmanned ship track.

🎓 EDUCATION

M.sc. Applied Informatics
Xi'an Jiaotong-Liverpool University
2020.9 - 2022.3   *Suzhou*
- **With distinction**.

BBA. Management Information System
Northwood University
- Sino-foreign cooperative education with Jiangnan University
2016.9- 2020.6   *Wuxi*
- **GPA: 3.4/4**.

📘 PUBLICATIONS

Xu, N., Sun, X.*, Wang, X., Zhou, H., Yao, C. (In Review). Metaverse in HCI: A Conceptual Framework based on Environment Construction, Interactive Intention and User Factors. Humanities And Social Sciences Communications. **[SSCI Q1]**

Xu, N., Liu, Y, Yu, L.* (In Review). TimeQuestAR: Unfolding Cultural Narratives in an AR Board Game. ISMAR 2023: IEEE International Symposium on Mixed and Augmented Reality. **[EI, CCF B]**

Xu, N.*, Liang, J., Shuai, K., Li, Y., Yan, J. (2023). HeritageSite AR : An Exploration Game for Quality Education and Sustainable Cultural Heritage. Extended Abstracts of the 2023 CHI Conference on Human Factors in Computing Systems (CHI EA '23). **[EI,CCF A]**

Xu, N., Li, Y.*, Wei, X., Xie, L., Yu, L., Liang, H-N. (2023). CubeMuseum AR : A Tangible Augmented Reality Interface for Cultural Heritage Learning and Museum Gifting. International Journal of Human Computer Interaction (IJHCI). **[SCI Q1,CCF A]**

Xu, N., Li, Y.*, Lin, J., Yu, L., and Liang, H-N. (2022). User Retention of Mobile Augmented Reality for Cultural Heritage Learning. ISMAR 2022: IEEE International Symposium on Mixed and Augmented Reality. **[EI,CCF B]**

💬 EVENTS

2023 ACM CHI Virtual Conference on Human Factors in Computing Systems
CHI SDC Poster Presentation

CUSMO
This project proposes CUSMO, a customizable and modularized smart glasses for future mobile realities.

CubeMuseum AR
This project presents a tangible AR interface for cultural heritage learning and museum gifting.

Air Pollution Vis
This project aims to explore the distribution, relationship, possible temporal and spatial impacts of pollution.

AR Cryptography
This project integrates classical cryptography into AR game to convey the knowledge for public.

Co-visit VR Museum
This project present the collaboration between HMD curators and no-HMD spectators to support museum learning.

First-aid in Emergency
This project aims to teach some first aid knowledge in cases via VR system.

DesktopShare for DJing
This project aims to provide a visual track view on mobile screen to low the threshold of DJing.

2022 ACM MobileHCI International Conference on Human-Computer Interaction with Mobile Devices and Services
MobileHCI SDC Oral Presentation

2021 XJTLU Postgraduate Research Symposium
Poster Presentation and Oral Presentation

🏆 AWARDS & HONORS

ChinaVis 2023
First Prize

Chinacodes 2021
Second Prize

CHI SDC 2023
Finalist

CCVR 2021
First Prize

ChinaVis 2022
Second Prize

ChinaVis 2021
Merit Prize

MobileHCI SDC 2022
Finalist

Data Media Hackson 2020
Merit Prize

PhD Scholarship
Sponsored by University of Nottingham and Zhejiang University