ZHAN, YANG

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Education

NC State University, Raleigh, United States   Aug. 2025-Current
Ph.D. in Computer Science
Supervisor: Prof. Qiao Jin

Waseda University, Tokyo, Japan   Oct. 2022-Sep. 2024
Master of Engineering in Graduate School of Fundamental Science and Engineering
Supervisor: Prof. Tatsuo Nakajima
GPA: 3.73/4.0

Wuhan University, Wuhan**,** China   Sep. 2018-Jun. 2022
Bachelor of Engineering, Electronic Information Engineering
GPA: **89.6/100** (3.76/4.0)

Professional Experiences

Waseda University, Tokyo, Japan   Sep. 2024-Jul. 2025
Research Assistant
Supervisor: Prof. Tatsuo Nakajima

Research

VL/HCC 2025, NC State University   Dec. 2024-Mar. 2025
From Tool to Partner: Exploring the Roles of Embodiment on AI Agent in Pair Programming
Xiaoran Yang, **Yang Zhan**, Noboru Matsuda, Qiao Jin

Master thesis / SIGIR-AP 2024, Waseda University   Mar. 2024-Jul. 2024
Effect of Presentation Methods on User Experiences and Perception in VR Shopping Recommender Systems
Yang Zhan, Tatsuo Nakajima

IEEE VR 2024 (Poster) / 🏆 AVI 2024 (Acceptance rate **28%**), Waseda University   Apr. 2023-Dec. 2023
Investigating User Experience in Virtual Goods Shopping through a VR Diegetic In-Game Store
Yang Zhan*, Yiming Sun*, Tatsuo Nakajima

IEEE ICMA 2023 (Oral), Waseda University   Jan. 2023-Apr. 2023
Balancing Real-world Interaction and VR Immersion with AI Vision Robotic Arm
Xiaoran Yang*, **Yang Zhan***, Yukiko Iwasaki, Miaohui Shi, Shijie Tang, Hiroyasu Iwata

Bachelor thesis, Wuhan University   Dec. 2021-May. 2022
Superpixel based no-reference Image Quality Transformer (SPIQ)
Yang Zhan, Advisor: Guangyi Yang

Research intern, The Hong Kong University of Science and Technology (HKUST)   Jul. 2021-Dec. 2021
GAIAR: Geometric Latency Compensation in Augmented Reality
Advisor: Lik Hang Lee (KAIST), Tristan Braud (HKUST)

Team leader, Wuhan University   Dec. 2020-Oct. 2021
***Deep Superpixel-based Network for Blind Image Quality Assessment**, arXiv preprint arXiv:2110.06564*
Guangyi Yang, **Yang Zhan**, Yuxuan Wang, Advisor: Guangyi Yang

* <u>Contributed equally</u>

Awards

Graduate Merit Award	NC State University 2025
Azusa Ono Memorial Scholarship	Waseda University 2023
Partial Tuition Waiver Scholarship for Privately Financed International Students	Waseda University 2022
Monbukagakusho Honors Scholarship	Waseda University 2022
Outstanding Student Award	Wuhan University 2019
The Third Prize of Scholarship in Electronic Information School	Wuhan University 2019

Leadership & Activities

Communication Engineering Laboratory, WHU| Teaching Assistant   Feb. 2021-Jul. 2021

Skills

Programming Language: C# (Unity), Python (PyTorch), TypeScript, MATLAB, Swift, R, C, Verilog HDL
Language: English (TOEFL iBT:102, R:27, L:28, S:24, W:23), Mandarin and Cantonese (native)