

Yicheng (Albert) Zhan

E-mail: yicheng_zhan2001@outlook.com — [Google Scholar](#) — [GitHub](#)

EDUCATION

Ph.D. candidate (2nd year) University College London - Computational Light Laboratory	Jan. 2024 - Now London, United Kingdom
M.Sc. in Computer Graphics and Vision Imaging University College London	Sep. 2021-Sep. 2022 London, United Kingdom
BS in Software Engineering and Computer Science King's College London	Sep. 2018-Sep. 2021 London, United Kingdom

WORK EXPERIENCE

Research Intern - Neural Representation Huawei Technologies Research & Development Ltd (Supervisor: Dr. Arthur Moreau)	Apr. 2025- Sep. 2025 London, United Kingdom
Research Assistant - Crime Linkage Analysis Imperial College London (Supervisor: Assoc. Prof. Dalal Alrajeh)	Jul. 2023- Jan. 2025 London, United Kingdom
Research Assistant - Computer Vision University of Leeds (Supervisor: Dr. Raheleh Jafari)	Apr. 2023- Dec. 2023 Leeds, United Kingdom
AI Programmer Intern Microsoft China (Supervisor: Dr. Wenbin Cai)	Jul. 2020- Sep. 2020 Beijing, China

PUBLICATIONS

- Yicheng Zhan**, Fahim Ahmed, Amy Burrell, Matthew J. Tonkin, Sarah Galambos, Jessica Woodhams, and Dalal Alrajeh, “*Enhancing Binary Encoded Crime Linkage Analysis Using Siamese Network*” AAAI 2026.
- Zicong Peng, **Yicheng Zhan**, Josef Spjut, and Kaan Akşit, “*Assessing Learned Models for Phase-only Hologram Compression*” ACM SIGGRAPH 2025 Posters. ([Web](#))
- Yicheng Zhan**, Dong-Ha Shin, Seung-Hwan Baek, and Kaan Akşit, “*Complex-Valued Holographic Radiance Fields*” ArXiv Preprint 2025. (In preparation) ([Web](#))
- Yicheng Zhan**, Qi Sun, Liang Shi, Wojciech Matusik, and Kaan Akşit, “*Configurable Holography: Towards Display and Scene Adaptation*” ArXiv Preprint 2024. (In preparation) ([Web](#))
- Yicheng Zhan**, Koray Kavaklı, Hakan Urey, Qi Sun, and Kaan Akşit, “*AutoColor: Learned Light Power Control for Multi-Color Holograms*” SPIE VR/AR/MR 2024. ([Web](#))
- Chuanjun Zheng, **Yicheng Zhan**, Liang Shi, Ozan Cakmakci and Kaan Akşit, “*Focal Surface Holographic Light Transport using Learned Spatially Adaptive Convolutions*” ACM SIGGRAPH ASIA 2024 Tech Comm.. ([Web](#))

SKILLS

Language skills: English (fluent), Chinese (native), Spanish (Intermediate)

Interests: Compose music (Spotify, NetEase Music).