Yushan XU

Tel: +44-7774748457 | Email: yushan.xu24@imperial.ac.uk
Address: 60 Courland Grove, London SW8 2PX

EDUCATION

Imperial College London (ICL), Dyson School of Design Engineering 09/2024-2025
Major in Design Engineering, Master of Science
GPA: UK 67.47% (Merit) ~3.6/4.0 GPA equivalent

Shanghai University (SHU) 09/2020-06/2024
Major in Industrial Design, Bachelor of Engineering
GPA: 3.32/4.0 (85.15/100)

RESEARCH EXPERIENCE

Research Assistant *(Supervised by Prof. Lorenzo Picinali)*, Audio Experience Design Group, Imperial College London, London, UK 01/2025-Present

• Conducting research on spatial hearing and auditory perception through VR-based experiments in Unity. Current work focuses on HRTF measurement and personalization, localization tasks comparing individualized HRTFs and DTFs, and a Precedence Effect study exploring how early reflections and temporal delays influence spatial stability.
• Responsible for experimental design, Unity implementation, audio calibration, UI development, and participant testing. Collaborate with faculty and PhD researchers on data analysis, documentation, and manuscript preparation.

ACADEMIC PROJECTS

Anti-Fall Belt for Disabled Elderly, Shanghai, China 04/2022-2023
Led academic writing, prototyping and user testing of inflatable wearable.

Home Management and Service Design for COPD, Shanghai, China 04/2021-2022
Conducted early-stage UX research; built system prototypes and ran usability testing.

INTERNSHIP EXPERIENCE

Design Operations, NFT Dept., Shanghai HashKey Co., Ltd., Shanghai, China 06-08/2024
Designed interactive H5 game for Web3 users (150K+ reach).

Product Designer, Caige Design & Intelligence Group Co., Harbin, China 06-08/2022
Contributed to smart bus station design & prototyping.

EXTRACURRICULAR ACTIVITIES

Volunteer, Shanghai Science and Technology Museum, Shanghai, China 02/2022-2023
Shanghai Universities Volunteer Team Leader

President, Original Music Club, SHU 09/2021-2022
Organized live events and performed as keyboardist at university and public festivals.

AWARDS & HONORS

Third Prize in Product Design, 9th Shanghai University Student Cultural and Creative Works Exhibition, Shanghai, China 08/2024

Excellent Student of University, SHU 12/2021-2022

Leadership Scholarship, SHU 11/2021-2022

SKILLS

Design Software: Unity, MaxMSP, TouchDesigner, KeyShot, Processing, SolidWorks, AutoCAD
Programming: C, Java, Python
Language: English(fluent), Mandarin(native)