

Yushan XU

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Address: 60 Courland Grove, London SW8 2PX

EDUCATION

Imperial College London (ICL), Dyson School of Design Engineering Major in Design Engineering, Master of Science GPA: UK 67.47% (Merit) ~3.6/4.0 GPA equivalent	09/2024-2025
Shanghai University (SHU) Major in Industrial Design, Bachelor of Engineering GPA: 3.32/4.0 (85.15/100)	09/2020-06/2024

RESEARCH EXPERIENCE

Research Assistant (Supervised by Prof. Lorenzo Picinadi), Audio Experience Design Group , Imperial College London, London, UK • 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.	01/2025-Present
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ACADEMIC PROJECTS

Anti-Fall Belt for Disabled Elderly , Shanghai, China Led academic writing, prototyping and user testing of inflatable wearable.	04/2022-2023
Home Management and Service Design for COPD , Shanghai, China Conducted early-stage UX research; built system prototypes and ran usability testing.	04/2021-2022

INTERNSHIP EXPERIENCE

Design Operations, NFT Dept., Shanghai HashKey Co., Ltd. , Shanghai, China Designed interactive H5 game for Web3 users (150K+ reach).	06-08/2024
Product Designer, Caige Design & Intelligence Group Co. , Harbin, China Contributed to smart bus station design & prototyping.	06-08/2022

EXTRACURRICULAR ACTIVITIES

Volunteer, Shanghai Science and Technology Museum , Shanghai, China Shanghai Universities Volunteer Team Leader	02/2022-2023
President, Original Music Club , SHU Organized live events and performed as keyboardist at university and public festivals.	09/2021-2022

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)