Nan LIU

13137837608@163.com | +86 13137837608

Education

University of Southampton (Soton) Southampton, UK

Master of Arts in Communication Design *09/2025-Present*

Core Courses: Collect, Discover, Understand; Define, Consolidate, Connect; Experiment; Explore, Analyse, Interpret; Input (Contexts); Output (Making).

Tianjin University of Science and Technology (TUST) Tianjin, China

Bachelor of Arts in Product Design; GPA: 3.71/5.0 *09/2021-06/2025*

Core Courses: Color Foundation 90; Design Thinking Training 88; Photography Basis 88; CAD Foundation 89; Modelling Basis 92; Structure Sketching 90; Comprehensive Basic Design 90.
Thesis: *Multi-functional modular furniture design for small homes*.

Academic Achievement

Liu, N. (Accepted). London Liming: An Illustrated Report on a Public Social Display Co-Designed with Lime, Boyz 2 Men and Boys in London Boroughs. *Journal of Technology Innovation and Engineering*.

Liu, N., Liu, H., Zhu, K., & Liu, Z. (2025). A Farm Support Vehicle Compartment. Patent No. CN 309384816 S. China National Intellectual Property Administration.

Research Interests

- The interdisciplinary space of Interaction Design, Service Design, and Artistic Research.
- How design practice can forge meaningful connections between people, technology, and culture.

Research Experiences

Principal Researcher, Multi-functional modular furniture design for small homes 04*/2025-06/2025*

Advisor: Prof. Shijian Cang

- Conducted in-depth user and market research to define design opportunities, and developed initial concepts through extensive sketching and iterative refinement.
- Engineered the structural integrity and selected appropriate materials based on functional and aesthetic requirements, and built functional prototypes and oversaw the final product realization.
- Effectively communicated the design process and final outcome through compelling presentations and detailed documentation.
- ✧ This project formed the basis of my undergraduate thesis.

Key Participator, Research on A Farm Support Vehicle Compartment 09*/2024-07/2025*

Advisor: Prof. Shijian Cang

- Determined the specific components of the farm support vehicle compartment to be covered by the patent claims.
- Produced comprehensive design drafts, including the standard six-view orthographic drawings and a 3D exploded-view diagram for clarity.
- Led the collaborative effort in creating the digital 3D model and performed the final rendering phase with a team of peers to achieve a photorealistic presentation.
- ✧ This has resulted in a patent. (See Academic Achievement)

Main Investigator, 3D Configuration Visualization Modeling for the Dongfeng Honda New Energy Plant Digital Twin System *08/2023-06/2024*

Advisor: Prof. Shijian Cang

- Spearheaded the initial phase of the project by conducting comprehensive preliminary research and market analysis.
- Synthesized research findings and strategic insights into a compelling and well-structured PowerPoint presentation.

✧ This work has gained a Bronze Award in The 9th China College Students' 'Internet+' Innovation and Entrepreneurship Competition (Main Track for Higher Education), TUST.

Internship Experiences

Yuxin Advertising Production Center, Kaifeng *07/2023-08/2023*

- Participated in the design and production of advertising materials, and applied product design knowledge to optimize the form and structure of display units.
- Assisted in the end-to-end process, from conceptual planning to physical fabrication and installation.

Cultural Bureau in Longting District, Kaifeng *06/2023-07/2023*

- Deeply involved in the development of the brand VI system, independently completed the design of core KV, ICON details, DM brochures, and a series of online promotional materials.
- Responsible for the end-to-end process from conceptualization and design to printing (such as business cards and flyers), and effectively collaborated with the marketing department to ensure precise implementation of designs.

Campus Engagements

Member, Information Department of Hongwen Association, TUST *09/2021-06/2025*

- Managed the editorial and graphic layout for the library's official WeChat public account.
- Ensured all published materials maintained a consistent and professional visual identity.

Volunteer for COVID-19 Testing, TUST *02/2022*

- Tasked with ensuring orderly operations at the testing site by guiding students through the process in batches and patiently addressing all inquiries.

Scholarships and Honors

- Second Prize, China Creative Challenges Contest *08/2025*
- Third Prize, China Competition of Creative Packing Design *08/2024*
- Model May Fourth Red Flag League Branch in Academic Year 2022-2023, Class 210713 of TUST *10/2023*
- Bronze Award, The 9th China College Students' 'Internet+' Innovation and Entrepreneurship Competition (Main Track for Higher Education), TUST *08/2023*
- Excellent Youth Volunteer in Academic Year 2021-2022, Henan Province *11/2022*
- Excellent Volunteer, Kaifeng City's "My Hometown" College Student Homecoming Activity *02/2022*

Skills & Languages

Skills: Proficient in using Sketch, Figma, and XD for UI interface and prototype design. Skilled in PS and AI for media asset processing; Experienced in C4D for fundamental 3D modeling, animation, and rendering. Proficient in AE for video post-production and compositing; Highly skilled in the Microsoft Office suite, with extensive experience in creating presentation materials and delivering professional reports using PPT.

Languages: Mandarin (Native), English (Proficient: Reading30, Listening28, Speaking19, Writing23).