SHUYU ZHANG

Interactive & Spatial Experience Designer | Digital Artist

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EDUCATION

MA Computational Arts (in progress) — Goldsmiths, University of London, UK | Sep 2024 – Sep 2026

BA Arts, Technology & Entertainment (First Class Honours) — Xi'an Jiaotong-Liverpool University, CN | Sep 2019 – Jun 2024
First Class Honours

CORE SKILLS & IMPACT

- Interactive & Spatial Experience Design

  - Unity (C#, VFX Graph, VR) | Unreal Engine | OptiTrack
  - Led a live VR-dance show: captured dancer motion in OptiTrack, drove avatar & particle VFX in Unity; premiered at pop-up festival (2025).

- Creative Coding & Generative Art

  - JavaScript | TouchDesigner | Processing
  - "Piano Piece of Day and Night" (2024): animated sun & blooming flowers entirely in code; viewers credited the work with inspiring them to learn creative coding.

- Physical Computing

  - Arduino C/C++ | Soldering
  - "Can I Have Some Water" (2024): plant installation that pleads for water when dry; built electronics, programmed logic, and exhibited at university show.

- Game Mods

  - Lua | Rigging | Spriter | Storytelling
  - Designed hip-hop dancer character mod for Don't Starve Together: painted sprites, scripted Lua combat logic, and mixed original audio—capstone project graded First.

PROFESSIONAL EXPERIENCE

- Design Assistant | Suzhou Ruishen Education Tech (Group) Co. Ltd. — Jan – Sep 2024

  - Translated survey data into design briefs; also doubled as student mentor & translator in lean team, earning "satisfactory" appraisal.

- Design Assistant | Jiangsu Jingtiancheng Cultural Tourism Dev. Co., Ltd. — Jun – Jul 2023

- Synthesised visitor feedback into illustrated deck; proposed new tour adopted for pilot; commended for VIP hosting.

SELECTED PROJECTS

- 2025 Live VR-Dance Performance – Mo-cap Tech Lead / VFX Designer
- 2024 "Piano Piece of Day and Night" Code Artwork – Solo Creator
- 2024 "Can I Have Some Water" Interactive Plant – Hardware Integrator
- 2024 "The Hiphop Dancer Yu" Game Mod & Installation – Solo Dev
- 2023 "Caged Bird" Short Film – Art Director / Prod. Assistant

TECHNICAL TOOLKIT

Unity (Adv.) • TouchDesigner (Int.) • JavaScript • Lua • Arduino C/C++ • Python • OptiTrack Mo-Cap | Procreate • Photoshop • Figma • Maya | Git • Notion • Miro

LANGUAGES & INTERESTS

English (IELTS 6.5) • Mandarin (native) | Street dance (popping/hip-hop) • Art museums • Music

REFEREES

Jessica Wolpert – Senior Lecturer & Programme Leader

Goldsmiths, University of London

Email: J.Wolpert@gold.ac.uk   Phone: +44 7813 035 494

Kim Lau – Associate Professor

Xi'an Jiaotong-Liverpool University

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