

Jade (Zhuoxuan) CHEN



Digital Architect/Project Coordinator

jadezxchan@gmail.com

+46 793531881

Lund, Sweden

LinkedIn <http://www.linkedin.com/in/jadezxchen>

Skills

Modeling

Rhino

Grasshopper

Revit

AutoCAD

Blender

Visualization

Adobe CC

Unreal Engine 5

Unity

Python

Blue Print

C#

Digital Fabrication

3D Printing

Laser Cutting

Robotics

AI-assisted Workflow

Languages

English: Proficient

Swedish: Basic

Chinese: Native

Profile

Digital Architect with experience in parametric design, robotic fabrication, and biomaterial research. Driven by curiosity and problem-solving, I enjoy turning ideas into reality through cross-disciplinary thinking and hands-on prototyping.

Education

MSc | Lund University (Sweden) | Digital Architecture

Sep 2023 – Jun 2025

Key Focus Areas: Spatial Experiments, AI-enhanced Design, Computational Design, Applied Robotics for Architects, Biomaterials

BA | China Three Gorges University (China) | Environmental Design

Sep 2018 – Jun 2022

Projects

“The Living Habitat” | Lund University

Jan 2025- Jun 2025 ·5 months

Degree Project: Interdisciplinary design experiment exploring self-repairing habitats through robotics and biomaterials

- Developed an interdisciplinary workflow combining architecture, computational design, and bioengineering.
- Conducted data-driven material testing and iterative optimization for performance improvement.
- Coordinated modeling, fabrication, and documentation within tight project timelines.
- Delivered a comprehensive final prototype demonstrating both conceptual clarity and technical precision.

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Awards

Lund University Global Scholarship (Top 1.8%)

– Lund University 2023

National Encouragement

Scholarship (Top 2%)

–Central Government of China 2019-2022

Outstanding Graduate Thesis and

Dissertation (Top 5%)

–China Three Gorges University 2022

Publication

"The Living Habitat: A Self-Monitoring and Self-Repairing System for Lunar Architecture",

Master's Thesis (2025)

"Exploration and Reflection on the Construction of Humanized Space in the Post-Industrial Era",

City & House, Vol 08 (2021), p. 212-21.

Experience

Course Coordinator | Lund University

Sep 2024 – Jan 2025 ·5 months

Course: Applied Robotics for Architects

- Coordinated communication between faculty and students, leading course feedback initiatives that resulted in approved curriculum improvements.
- Supported project management tasks, tracked progress, and facilitated collaboration across architecture and engineering disciplines.

Interior Designer | Wuhan Meileheshi Catering Management Co.

Aug 2022 – Jan 2023 ·6 months

Project: Interior Design of PALA **Chain** Catering Brand Store

- Developed detailed 3D models and renderings for 2 PALA retail stores; translated concepts into construction-ready drawings for 500+ m² of space.
- Ensured visual consistency and supported brand storytelling through spatial design across multiple locations.
- Collaborated with architects, contractors, and suppliers to manage design revisions and ensure accurate on-site implementation.

Volunteering & Hobbies

Cultural Volunteer | Lund Kulturnatten 2025

- Represented Chinese lacquer fan craftsmanship independently.
- Guided visitors through the making process and engaged in real-time cultural exchange through hands-on workshops.
- Managed high visitor flow while ensuring clear communication and positive interaction.

Hobbies

- Sunset chasing, PICO-8 game creation, fitness training, and aesthetic curation of clothing and living spaces.