

# CLAIRE OUDEA GAN LI

Creative Developer | 3D Enthusiast | Creative Tech

## Languages

🇬🇧 Native / 🇫🇷 Fluent / 🇨🇳 Fluent / 🇯🇵 Beginner

🏠 Singapore

📞 +65 9489 4089

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## EDUCATION

SUTD (Singapore University of Technology & Design)

August 2020 - May 2024

- Bachelor of Science (Design & Artificial Intelligence) with Honours
- SUTD Global Merit Scholarship (Awarded to top 10% of cohort)
- Global Leadership Program (Exchange): Berkeley Summer Sessions @University of California, Berkeley

## WORK EXPERIENCE

TECHNICAL ARTIST, SUTD

MARCH 2022 - DECEMBER 2022

- In charge of VR modelling & animation (Unreal Engine) of car-interior environments to study user-car social interaction
- Conducted user studies and analysing data to improve and optimise solutions
- Produced publication-quality reports

PRODUCT DESIGN INTERN, APOL

AUGUST 2022 - DECEMBER 2022

- Designed new features for upcoming ergonomic chair model
- Communication with Chinese manufacturers for sourcing of materials and parts

## ACADEMIC PROJECTS

DUKENUS: VR SURGICAL TRAINING DEVICE

AUGUST 2023 - MAY 2024

TECHNICAL ARTIST, 3D MODELLER, PHYSICS IMPLEMENTER

- Built a surgical environment that balanced realism with render-time
- Implemented and adjusted blood VFX and softbody packages for realistic surgery
- Designed the simulation to suit and complement VR
- Assisted group members in problem solving VR and 3D related issues

SPATIAL WORLD: A 2.5D AI CONTROL GENERATOR

AUGUST 2023 - DECEMBER 2023

ML ENGINEER/DESIGNER

- Tested, explored and debugged different pipelines and models to suit customer needs
- Created a pipeline backend linking to a simple Gradio interface
- Optimised model output with time by toggling variables and testing different control images
- Led and organised the project as group leader

PROGRESSIVE WEB APP (PWA) WITH GEBIRAH

MAY 2022 - AUGUST 2022

FRONTEND DEVELOPER

- Constructed a PWA for people in conflict areas (Ukraine) to provide aid to those in their community
- Conducted user analysis with storyboards & user personas
- Designed app pages (Listing Details and Notifications) using Figma for prototyping and React for developing
- Built a chatbot with Google API

## SKILLS

PROGRAMMING LANGUAGES

C# | Javascript | HTML | CSS | Python

SOFTWARE

- **3D**: Blender, Fusion360, Shapr3d
- **Game Engines**: Unreal Engine, Unity
- **Design**: Figma, Procreate, Adobe Photoshop/ Illustrator
- **Film**: Adobe Premiere Pro
- **Code-less**: Microsoft Office, Notion

## INTERESTS

3D AI Mesh Generation 🖨️ / Cool 3D websites

📖 / Creative Writing 📝 / 3D Art 🎨 / Graphics & Illustration 🖌️

## LINKS

PORTFOLIO:

<https://claireoudea.netlify.app/>

GITHUB:

<https://github.com/Claire0zzz>

SKETCHFAB:

<https://sketchfab.com/TheGreyCroissant>

LINKEDIN:

<https://www.linkedin.com/in/claireoudea/>