



EDUCATION

Master in Interactive Telecommunications

Web Page, Digital/Multimedia and
Information Resources Design

New York University

New York, NY, 2019/09 - 2021/05

GPA 4.0

Bachelor in Interaction Design

South China University of Technology

Guangdong, China, 2015/09 - 2019/07

Bachelor of Engineering

GPA 3.89 (1st)

SKILLS

Programming:

Typescript, Javascript, Python, c#
React, React Native, NextJS, Redux, REST, GSAP,
ThreeJS, Rive, Tailwind, MUI
Flask, Node JS, Express, Electron, strapi, Redis,
GCP, App engine, Cloud run, AWS

Shader, GLSL, WebGL, OpenGL

Linux, Cli, Npm, Yarn

Design:

Figma, Photoshop, Illustrator, Premiere, Cinema 4D,
Rive

PORTFOLIO

<https://www.lu-lyu.com/portfolio/>

PROJECT

Google Next 2024

Google Washington DC

Stripe EBC

Doodles NFT

Book of Sand

Search Through the Time

The Breathing Walls

Dot Grid

EXPERIENCE

Senior Creative Technologist

Deeplocal, Pittsburgh, PA, Jun 2022 -Now

- Developer of 8 softwares for 7 exhibitions for Google and one exhibition for Stripe.
- Frontend Dev with react, typescript, redux, MUI, gsap, shader, ThreeJS, webgl, tailwind, css animation, transition groups.
- Utilize Google's AI model Gemini, brainstorm and build software to showcase its capabilities
- Develop backend with Flask(python), Express(Nodejs). Implement restful communication and socketIO. Firebase and Redis for database.
- Deploy projects to Gcloud Platform. Configure ADA, IAP.
- Software architecture design. Agile software development.

Creative Technologist (contract)

Baidu, Sep 2022 - Jan 2023

- Rebuild the metaverse scene in Unity for the Central Convention Center for Baidu Xirang. Add new feature "take a bird's eye view", "free flight" and "sightseeing" for Baidu Create 2022

Postdoc Research Resident

New York University, Aug 2021 - May 2022

- Research on Creative Coding, Interaction Design and Physical Computing.

User Experience Designer

GEEKSART GEEKSART, China, Jul 2018 - Jun 2019

- User Experience designer for two exhibitions, Organic Neuron and Wavelet