

# GEORGE YIHAO XU

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401.743.7680

Front-end Dev | UI/UX | XR

## EDUCATION

### Rhode Island School of Design (RISD)

Providence, RI | Jul 2021 – Jun 2023

Master of Design

### Brown University

Providence, RI | Sept 2022 – Jan 2023

Cross-registered Student: Computer Science

## SKILLS

### Front end Development

HTML CSS JavaScript TypeScript  
React JQuery MobX Firebase  
Unity C#

### UI/UX Design

Figma-Adobe XD  
Photoshop-Illustrator-InDesign-Premier  
Rhino-Grasshopper-AutoCAD

## ACADEMIC PROJECTS

### Thesis

Interactive Design and Web Development

<https://thesis-screen-table-react.vercel.app/>

<https://thesis-app-kkx8.vercel.app/>

<https://youtu.be/q8MaGWrrcKg>

### Shekon

Oculus VR Experience Development

<https://youtu.be/iQuNsEEEnoFI>

### Nim

Web Game Development

<https://designasabaker.github.io/Nim/>

## LANGUAGES

English (Fluent)  
Mandarin Wu (Native)  
German (Intermediate)

## PROFESSIONAL EXPERIENCE

### Frontend Developer / Designer / Co-Founder

Welight Tech    Part-time    Feb 2023 – Present  
Remote

WeLight Tech is an innovative startup in the education sector. Our mission is to assist high school and undergraduate students with their applications for studying abroad, leveraging AI within our app.

As a co-founder, I led a front-end team focused on enhancing the UI of our web applications. In collaboration with other front-end developers, my major achievements included improving the login page, establishing user survey input interfaces, and developing the feedback page. I also successfully facilitated data fetching with the backend. As a leader in design and front-end development, I held weekly meetings with the entire engineering team, acted as the hiring manager, and helped coordinate design and development efforts across the project.

<https://welightpreview.vercel.app/>

### Frontend Developer

OSB    Part-time    Jan 2023 – Present  
Hybrid in RI

OSB, an acronym for Ocean State Bioactives, is a cosmetics ingredients brand established by Professor Ma at the University of Rhode Island. Our primary goal is to promote the concept of bio-friendliness to cosmetics companies. As part of a three-person creative team, I worked closely with designers, translating design work from Figma into an interactive React page. My contributions include the development of the sorting and filtering functionality for the ingredients page, a feature that cannot be achieved via low-code platforms like Webflow. Concurrently, I provided substantial technical feedback to the designers, aiding them in devising practical and effective solutions for constructing robust web pages.

<https://osb-fd544f.webflow.io/>

<https://osb-react-ts-project.vercel.app/>

### Graphic Designer

RISD    Part-time    Jul 2022 – Dec 2022  
Hybrid in RI

During my tenure at RISD, I collaborated with the ISSA office to design and disseminate a variety of online graphics. These materials were created with the intention of enhancing student understanding of school events and policies. My responsibilities spanned from data visualization and poster design to reviewing slides and web design.

### Computational Designer

ECADI    Full-time    Aug 2020 – May 2021  
Shanghai

In the field of design, I specialize in parametric design, primarily using Grasshopper, a graphical functional programming platform, complemented by Python and C#. This combination allows me to enhance the efficiency of my code. My particular area of expertise is in scripting for building facade designs.