

Hsuan-Ju Wang

Game designer | Programmer | UX designer | Entrepreneur

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Game Project Experience

Oculus Quest 2 multiplayer project : Soul Truth [Link](#)

Nov 2021 | Programmer, Game Designer

- Designed the game environment and gameplay.
- Developed multiplayer network and main game management.
- Designed visual effect on game objects using shader and particles.

Oculus Quest 2 hand tracking project : RPS Champion [Link](#)

Oct 2021 | Programmer

- Developed gesture detection and main game management

Oculus Quest 2 project : Across the star [Link](#)

Oct 2021 | Programmer, Game Designer

- Developed the interaction between player and the environment.
- Designed the gameplay of the project.

HoloLens 2 project : DreamMaze [Link](#)

Sep 2021 | Programmer , Game Designer

- Proposed the idea of the game and designed the gameplay.
- Developed main game management using Unity.

Academic Experience

Research Assistant, ML Lab

Dec 2020 — Jun 2021  Kaohsiung, Taiwan

- Assisted research on interface for the healthcare XAI system.
- Analyzed data for Taiwan longitudinal study on aging.

Graduation Project : ProFit [Link](#)

Feb 2019 — Dec 2019 | Leader and programmer

- Led a team to provide a system that recommends the best matching clothes in the user's shelf or on the clothing websites based on user's speech.
- Designed and developed back-end system including image recognition and classification, speech to text, database management using Keras, NLP techniques, Python, PHP.

Working Experience

Co-founder, Eat Great Company [Link](#)

Nov 2019 — Nov 2020  Kaohsiung, Taiwan

- Established a food delivery platform with a smart cabinet in NSYSU.
- Designed APP interface using FramerX and conducted usability test.
- Developed APP interface using React.js.

Freelance APP developer [Link](#)

Aug 2019 — Nov 2019  Kaohsiung, Taiwan

- Developed an Android APP using JAVA for the doctors in Cheng Ching Eye Center to introduce the surgery process to the patients.

Education

Carnegie Mellon University, M.S in

Entertainment Technology

Aug 2021 — Current

 Pittsburgh, PA

University of Munich, Exchange student in School of Management

Apr 2020 — Aug 2020

German grade: 1.7

 Munich, Germany

National Sun Yat-sen University, B.B.A in Information Management

Sep 2016 — Jun 2020

Overall GPA: 4.16/4.3

 Kaohsiung, Taiwan

Skills

Programming

Python, R, SQL, MySQL, MongoDB, HTML, CSS, JS, PHP, Unity C#, C



React.js, Java



Tools

Adobe XD, FramerX

Language

Chinese

English

German

Japanese