SHR-RUEI (Ray) Tsai

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EDUCATION

National Yang Ming Chiao Tung University (NYCU)   **Hsinchu, Taiwan**
B.S. in Computer Science   Jul. 2021 - Present

- GPA : 4.01/4.3
- GPA in CS courses : 4.11/4.3
- Courses : Data Structure and Object-oriented Programming, Introduction to Algorithms, Introduction to Computer Networks, Introduction to Database System, Introduction to Computer Graphics, Introduction to AI, Introduction to Image Processing, Computer Organization

SKILLS

Programming Languages	C/C++, Python, PostgreSQL, MATLAB
Frameworks	Django
Tools	Git
Platforms	Unity

CERTIFICATIONS

- TOEIC : 820
- TOEFL ITP : 557
- GEPT Intermediate
- GPE (A Programming Examination in NYCU) : 520/600

PROJECTS

Real or AI image (Python, Jupyter Notebook)   Jun. 2023

AI final project. The goal of this project is to identify whether the images are synthesized by AI, and to test different methods to find the best performance in detecting real or AI images. Link

NYCU++ (Python, Django, PostgreSQL)   Jan. 2023

Final project of introduction to database system. A simple website for students in NYCU to upload and search the recommendation of courses. Link

FPS Game (Unity, C#)   Jan. 2023

The shooting game is my final project of introduction to computer graphics. Link

EXTRACURRICULAR ACTIVITY

**Manager of Equipment Section in
NYCU Computer Science Student Association**   Jun. 2023 - Present