Yun-Cheng Tsai

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EDUCATION

National Yang Ming Chiao Tung University
Bachelor of Computer Science, Started from September 2022
Total GPA: 4.27 | Department ranking: 3/192 (1.56 %)

AWARDS AND CERTIFICATIONS

111-1 | Academic Achievement Award
111-2 | Intro. to AI: Outstanding Final Project Award
111-2 | Core Basic Courses Award: Digital Circuit Design
111-2 | Core Basic Courses Award: Discrete Math
112-1 | Academic Achievement Award

TECHNICAL SKILLS

Languages : Python, C/C++, SQL (MySQL), PHP, HTML, CSS, Verilog, matlab
Tools : Git, Docker, Xcode, VScode, MySQLworkbench, PyCharm, phpmyadmin

EXPERIENCE

NYCU GDSC core team member | *Google Developer Student Clubs*　　　　　　*September 2023 - Present*
  – As a core team member of NYCU GDSC, participating in community events, enhancing the community engagement among students on campus.
  – Collaborated closely with a team partners to design and deliver events that introduced new technologies and programming concepts to students.

Interviewee, Computer Engineering Topics | *Exam King*　　　　　　*November 2023*
  – Invited for sharing insights and experiences related to the field of Computer Engineering, highlighting the reflection of studying on the industry and education.

PROJECTS

3D perspective image | *Python, Desmos*　　　　　　*Dec 2022*
  – This Project delves into intersection of linear algebra and the visualization of objects within our reality. By investigating the transformation of 3D objects into 2D images through linear algebra, this study offers a comprehensive exploration of how mathematical principles can be applied to achieve a perspective view of three-dimensional objects.

Business Card Generator | *Python, Google Colab, Github*　　　　　　*June 2023*
  – Users can input their own photos and basic information (name, occupation) through the web interface, and use this program to generate business cards with cartoon villain pixel-style avatars and Monet-style backgrounds.
  – The main methods of this project is using KNN to analyze characteristics of self-portrait and using cycleGAN to generate Monet style background.

Youtuber-GPA | *MySQL, PHP, HTML, CSS, phpmyadmin, Github*　　　　　　*Dec 2023*
  – The website use a daily-renewed database to represent youtube videos information toward user. It allows user to create account, search video, star video, comment, etc..., and also store all the information into local database.
  – The project mainly use MySQL with phpmyadmin to manage and supervise database. In addition, it use PHP, HTML to represent UI and data information to user, with CSS designing and beautifying it.