Michael Yeh

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Class 2028 student of Carnegie Mellon University

Fields of study: Information Systems/Game Design/Computer Science/ Psychology

EXPERIENCE

Youth Public Service Institute Club — Co-President

Dec 2021 - PRESENT

- Organized and conducted multiple events relating to social issues and changes in my community.
- These events included Homelessness awareness presentation at city hall, hosting of an awareness art gallery, and even packing canned-foods for Salvation Army.
- Raised $6500+ for nonprofits including Interfaith Shelters Network.

Artificial Intelligence Research— *Lead researcher, Software Developer*

Jun 2023 - Sep 2023

- Created and programmed a deep learning optimization model to train and classify names of 1600 gemstone names.
- My model was able to classify these gemstones with 94.7% accuracy, results are published to IJHSR through a research paper.

Bouncin Inc. Internship— *Intern, Web developer, Customer Service*

July 2023 - Aug 2023

- Being in an internship in Taiwan, I used HTML and CSS to maintain several websites for some of Bouncin Inc.'s customers.
- In addition, I also ran market research and phoned / advertised to Bouncin's nationwide customers like Bank of Taiwan, First Capital Management, and Cathy Hospitality.

Game Design Camps— *Game Developer, University Summer Program Resident*

July 2023 - Aug 2023

- Attended two coding for game design summer programs at UCLA and NYU.
- Created 4 unity games consisting of 2D top down, and open world games. Learned character animation, unity engine, level design, and C# programming language.
- Game design portfolio from over the years: https://www.michaelyeh.net/en/portfolio-collections/my-portfolio

SKILLS

Software Development
Web/Game Design
Table Tennis
Piano
3D printing
Tutoring
Photography

AWARDS/Certificates

US National Table Tennis Championship U2000 Semi Finalist 2021/2022

The President's Volunteer Service Award Gold 2020 - 2022

AP Scholar with Distinction 2022 -2023

President's Education Awards 2020

Piano Certificate of Merit State Honors

Certificate of Recognition - YPSI club

Certificate of Participation - YPSI club/Homeless Art Exhibition

LANGUAGES

English
Mandarin
Spanish

3D Printing Club — Project Manager/Co-founder

May 2020 - Mar 2021

- The club distributes 3d printed masks to communities such as hospitals/health centers/Nursing homes.
- 3D printed 2000+ face masks during the pandemic and delivered them to health care facilities in San Diego, Mexico, and Boston.
- Distribute materials for 3d printing masks, and is in charge of procurement of materials and club t-shirts.

NexStream Technical Institute — *Stream Assistant*

Sept 2020 - June 2022

- Assisted the instructors with conducting warm-up quizzes and activities, answering students' questions during their self-paced study portion and helping students debug problems during their hands-on project activities.
- Taught basic python and optimization algorithm lectures.

Hackathon Club — Lead Instructor, Material Organizer

Nov 2020 - Oct 2021

- During the pandemic, created educational videos for underprivileged students in SD who were cut-off from resources.
- Created/designed websites, conducted free tutoring to kids , prepared tutoring materials (powerpoint slides), and participated in hackathon events.

Table Tennis —Player, Coach Assistant

9 years

- Attending multiple big tournaments around the US, US Nationals, US Open, LA Open, became the 2021-2022 US Table Tennis Nationals u2000 semi-finalist.
- Acted as coach assistant for the After School Learning Tree Table Tennis Summer Camp. My duties included working with kids, giving advice on technique, and overall showing leadership as well as instructional skills.