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Joanna Yang

EDUCATION:

- **University of San Diego - Jacobs School of Engineering**
B.S Computer Science
Expected Graduation: June, 2024
3.7 GPA
- Junior Standing
- IDEA Scholar - Selected as 1 of 40 out of 400 applicants
(IDEA: Inclusion | Diversity | Excellence | Achievement)
- Provost Honors
- High school: Graduated from Mt. Carmel High School in California with GPA: 4.4048 and with the class rank: 3/478, 09/2017-06/2020.

TECHNICAL SKILLS:

- Python
- Java
- iOS Swift Programming(with certification)
- AutoCAD

PROJECT

- Calculator Simulator
Applied Data Structure knowledge in CSE12 to develop a program in Java, C, and C++. The program simulates a calculator that performs advanced commands such as addition, subtractions, multiplication, division, exponentiation, and factorial.
- Driver Dashboard
Designed driver dashboard, which includes the speedometer, measurement of solar power energy(kWh), and other contents that should be displayed on the Solar car driver dashboard.
- PreRequisite Website
Collect information from the website(UCSD course catalog for certain majors), automatic update to the latest data. The website assists UCSD students to plan their courses.

EMPLOYMENT:

- CSE15L tutor in UCSD Department of Computer Science and Engineering
(1.3.2022 - 3.22.2022)

- Social Media Content Curator for Haodaizhi.co
- Beginning Youtuber

OTHER SKILLS

- Fluent in English, Mandarin, and Taiwanese.
- Video editing with iMovie and Davinci Resolve.

LEADERSHIP EXPERIENCE :

- PR for sapling summer camp.
- WIC x EDGE mentor for high school students

ORGANIZATIONS :

- Solar Car Team, electrical, and logistic team 2021.9 - now
- CS foreach Curriculum Committee 2021.9 - now
- Triton Hacks, Content Creation Committee 2021.9 - now
- IDEA 2020.9 - now
- JUMP, mentee 2020.9 - now
(JUMP: Jacobs Undergraduate Mentor Program)
- WIC x EDGE, mentor 2021.9 - now
(WIC: Women in Computing)
(EDGE: Empowerment and Development for Girls in Engineering)
- SWE(Society of Women Engineering) 2021.9 - now
- SEDs FEM x IDEA 2020.9 - 2021.3
(SEDs: Students for the Exploration and Development of Space)
- NTNU HDC 2020.9 - 2021.6