SHIN YU (MELODY) HU

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EDUCATION

Carnegie Mellon University   Pittsburgh, PA
B.S. in Computer Science   May 2026
- **Relevant Coursework**: Python Programming, Software Dev with Java, Intro to Database & SQL, Principles of Imperative Computation (Data Structures & Algorithms), Mathematical Foundations of CS, Matrices & Linear Transformations

SKILLS

Languages: English, Mandarin Chinese (Fluent), Spanish (Basic)
Technical: Python, Java, C, JavaScript, HTML, CSS, LaTeX

WORK EXPERIENCE

Computing Services @ Carnegie Mellon University   Pittsburgh, PA
Help Center Assistant   August 2022 - Present
- Effectively communicate with ~10 students and faculty members who encounter issues with technologies used at CMU every week, including DUO Mobile, wireless networks, and software installations

Pervasive Autonomous Networked Systems (PANS) Lab @ UC Merced   Virtual
Research Intern   June 2021 - August 2021
- Collaborated closely with an undergraduate student and Professor Pan to create a web interface that allows real-time visualization of physical vibration, which serves as a convenient way for researchers to monitor the data collected
- Researched and set up efficient data flow between the vibration sensor, Arduino board, Raspberry Pi, and the web interface using HTTP

Da Ai Computer Literacy Program   San Jose, CA
Teacher Assistant   September 2019 to June 2022
- Helped individuals diagnosed with autism spectrum disorder between the ages of 12 to 50 by introducing them to different technological products and teaching them how to use applications on iPad

smartnUp   Virtual
UI/UX Intern   June 2020 - September 2020
- Redesigned the interface of College Collab into a dashboard that allows users to visualize progress with ease using HTML, CSS, and JavaScript
- Collaborated with 5 other student interns from India, U.K., and U.S. to generate ideas for a project centered around a textbook trading platform

PROJECTS & ACTIVITIES

Dino Tech - an all-inclusive student organization promoting education for those interested in tech
- Led and recruited a team that grew from 7 members to 25 members
- Planned webinars on tech-related topics that reached 40+ students by identifying and contacting speakers

Telefy - mock online retailer for smartphones
- Collaborated with a team of 6 to create a (mock) business using database development process and defining related entities

Work Smarter, Not Harder - an iOS app about time management
- Designed the layout (homepage, timer, achievement) with 3 other participants at a 12-hour hackathon