Felicia Lo

fklo@usc.edu (628)224-8174 https://github.com/felo-3 www.linkedin.com/in/felicia-lo

EDUCATION

Candidate for Bachelor of Computer Engineering and Computer Science Graduating: May 2024
University of Southern California, Los Angeles, California
- Pursuing a Minor in Technical Game Art
- Relevant Courses: Data Structures and Object Oriented Design, Introduction to Embedded Systems, Distributed Systems & the Internet Of Things, Introduction to 3D Modeling, Animation, and Visual Effects

College First Year: Major in Computer Science Fall 2020 - Spring 2021
City College of San Francisco, San Francisco, CA
- Relevant Courses: General Education and introductory C++ courses
- Honors, GPA: 4.0

PROJECTS

Missfits: (All-girls First Robotics Competition robotics team) July 2019 - February 2020
San Francisco, California
- Programmed the motors, sensors, and shooting components of the robot using Java
- Completed vision code for shooting component, controlled and automated driving component
- Participated in mechanical engineering, electrical engineering, and CAD workshops
- Volunteered at an elementary school to mentor and assist with their FIRST LEGO League team

Project Scheduling App (Personal Project) February 2020 - June 2020
github.com/felo-3/Project-Scheduling
- iOS application written in Swift
- Finds the number of weeks needed to complete, estimated end and start date of a project

Course Project: Voice Gender Recognition System May 2022
- Uses an open-source machine learning program to process a .wav file to predict if the voice is from a male or female. The ML model is built by Tensorflow Keras. Almost 100% accurate when noise is minimal.
- A python program is written to send the prediction from the virtual machine to a RaspberryPi via MQTT protocol. The RaspberryPi then uses the prediction to turn on different colored LEDs.

WORK EXPERIENCE

USC Auxiliary Services | Ticket Office Customer Service Representative September 2021 - Present
Los Angeles, California

Front Desk Administrator at Physical Therapy Office September 2020 - May 2021
San Francisco, California
- Organize patient information, schedule patients, provide translation services, and verify health insurance
- Set up traction machine, electrical stimulation, and exercise equipment before each appointment

Customer service, Cashier July 2019 - October 2019
SFO Airport, San Francisco, California

SKILLS

Technical Skills:
- C++, C, Java, Python, Swift, iOS, git, CAD, Maya
- Experience with Electronics: Crimping, wiring
- Working with power tools

Language: Fluent in Cantonese, Proficient in Mandarin

ACTIVITIES

Chairperson October 2017 - October 2018
Hong Kong Baptist University Affiliated School Wong Kam Fai Secondary School Student Union
- Establish schedules, delegate responsibilities, manage budget, organize events, and welfare programs
- Liaised with other local schools to organize inter-school activities for 300 students
- Mentored the following year's committee leaders and coached them in their proposal development