

JACQUELYN CO

Summary

Objective:

To obtain an internship in which I can assist on software engineering projects using my technical background as well as organizational and leadership skills.

Projects

BANANA PIANO

Summer 2018

C#, Arduino, Breadboards & Circuits

- Wired several breadboards to complete multiple circuits to hook up a piezo speaker to make noise and play tones
- Connected wires to multiple bananas and breadboards to have each banana play a different piano tone/note through a piezo speaker
- Programmed in basic C# to code the specific sound/tone for each "key" on the banana piano

MOVIE RATING PREDICTOR

Winter 2019

Java

- Implemented a unique version of the bag of words model used in Machine Learning
- Created a program that was able to make a prediction of the ratings of movie reviews based on preexisting reviews that it had already rated
- Read in raw text files containing movie reviews and their predicted ratings
- Designed program to have specific words that are associated specific values to find the total rating of the movie review

PORTFOLIO WEBSITE

Summer 2020 to Current

HTML5, CSS, JavaScript

- Programmed a website that gives users insight on who I am, projects I have done, how to contact me, etc.
- Designed and styled multiple web pages/sections
- Incorporated basic user interactivity using HTML forms that would allow the user to send me their contact information
- Used responsive design to allow users to view my site on multiple desktop formats (not fully responsive on mobile yet)

IMAGE PROCESSING

Summer 2018

Python

- Created a python program with functionality similar to Photoshop
- Applied tinted and lightened filters to existing images
- Edited the opacity of an image and layered on another existing image for a mysterious photo effect
- Photoshopped and layered props and people (including myself) onto another image
- Edited images to have different sized and colored borders

Volunteering

Orange County Global Medical Center ·
Junior Volunteer
Orange County

Jan. 2016 to June
2017

- Worked with doctors & nurses to discuss patient diagnosis
- Organized paperwork & the storage room, fed and catered to the needs of patients, and discharged patients

Contact

✉ co.jacquelyn2@gmail.com



<https://j2c0.github.io/JacquelynCo/>

☎ 714-600-3474

📍 San Diego, CA

in www.linkedin.com/in/jacquelyn-co-55114119a

🔗 j2c0

Education

University of California, San Diego

B.S. Computer Science 2023

Skills

COURSEWORK

Basic Data Structures & Object Oriented Design

Software Tools & Techniques (Git, Linux/Unix, IntelliJ, etc.)

CodeCademy: HTML & CSS

Intro to Computer Science: Java (I & II)

TECHNICAL SKILLS

Java

HTML

CSS

Python Basics

JavaScript Basics

Breadboard & Circuit Basics

Google Suite Applications

Microsoft Office

Windows Video Editor

Prezi

TEST DRIVEN DEVELOPMENT

Java (JUnit)