JACQUELYN CO

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EDUCATION

University of California, San-Diego
B.S. Computer Science 2023

SKILLS

COURSEWORK: Data Structures & Object Oriented Design, Software Engineering, Software Tools & Techniques (Git, Linux/Unix, IntelliJ, etc.), Computer Organization & Systems Programming, Mathematics for Algorithms and Systems, Theory of Computability
TECHNICAL SKILLS: Java, C++, C, HTML, CSS, Python, JavaScript Basics, Microsoft Office, Windows Video Editor, Google Suite Applications, MATLAB, Breadboard & Circuit Basics
TEST DRIVEN DEVELOPMENT: Java (JUnit)

EMPLOYMENT

UC SAN DIEGO COMPUTER SCIENCE & ENGINEERING DEPARTMENT (CSE)
Tutor   Jan. 2021 to Apr. 2021
• Collaborated with the staff and fellow tutors on how to improve the course experience for students
• Lead discussions for a group of around 10-12 students to review weekly content and to teach them how to approach bugs in their code & how to go about problem solving
• Individually tutored students to answer their questions about class content or programming assignments
• Graded weekly programming assignments & quizzes

PROJECTS

BULLET JOURNAL WEB APPLICATION   Mar. 2021 to June 2021
HTML, CSS, JavaScript-
• Lead a team of 10
• Collaborated with team members to determine the design and user interface of our product
• Responsible for team communication, daily & weekly meeting agendas, status reporting, and execution
• Managed project documentation, weekly sprints, task delegation among members, and roadmaps for project execution
• Created master project plan and managed team accountability using Github's project boards and actions
• Developed basic structure of our web application using HTML & CSS

PORTFOLIO WEBSITE   Summer 2020
HTML5, CSS, JavaScript
• Designed and styled multiple web pages/sections
• Programmed a website that gives users insight on who I am, projects I have done, how to contact me, etc.
• 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)

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

BANANA PIANO   Summer 2018
C#, Arduino, Breadboards & Circuits
• Programmed in basic C# to code the specific sound/tone for each "key" on the banana piano
• 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