Jacqueline Molina

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EDUCATION

California State University, Los Angeles *Anticipated Graduation: May 2024*
Majoring in Computer Science
GPA: 4.0/4.0 | **Awards**: Dean's List (2020, 2021, 2022)

EXPERIENCE

Papaya x SHPE| Data Structures Peer Educator January *2023 – May 2023*
New program created by the Society of Hispanic Engineers and start-up company, Papaya Tutor; meant to assist students in studying and preparing for gateway courses necessary for their continuation as Computer Science students.

- Worked closely with the development team by reporting technological bugs encountered on Papaya to ensure the platform runs smoothly for incoming students.
- Composed engaging notes, allowing students to further their understanding of complex topics through videos, diagrams, and pseudocode.
- Hosted weekly sessions and walked students through data structure related topics, answering any questions and actively working on study skills.

37th Annual Student Symposium | Poster Presenter *February 2023 – March 2023*
Presentation given on 'Crawling Based Data Collection & Data Pre-Processing'; research is meant to aid TSA in predicting commuter throughput through all airport terminals across the United States using machine learning techniques.

PROJECTS

BookExchange | https://github.com/hebibi19/BookExchange
A web-based application that was created to serve as a common platform where management of various types of literature can be carried out conveniently. The goal of this project is to develop a portal where multiple users can store and interact with their books on multiple levels (posting, rating, favoriting, commenting, searching).

- Built Using: Python, Django, SQL, HTML/CSS, Bootstrap, PyCharm

SearchPokemonApp | https://github.com/hebibi19/SearchPokemonApp
Web application works in conjunction with an API (personally created for this project) to display a variety of Pokémon cards; allows user to search through different card sets, given a search term, pertaining to a specific Pokémon in order to find a singular card. App can return the details of the chosen card or return the search history of the user.

- Built Using: JavaScript, NodeJS, MongoDB, Express.js, Visual Studio Code

FilmShelf | https://github.com/hebibi19/FilmShelf
Web application created to organize films for a user; grouped by whether the user has or hasn't watched the film. Additionally, includes a separate page where films are organized by genre, called shelves. Application allows users to add/edit/remove films and shelves.

- Built Using: Java Servlets, JSTL, JSP, Bootstrap, CSS, Eclipse

SKILLS/ABILITIES

Technical: Proficient: Java, JavaScript, MySQL, HTML, CSS | Familiar: Python, C
Languages: Fluent English and Spanish