

Jacqueline Molina

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EDUCATION

California State University, Los Angeles

Bachelor of Science in Computer Science | GPA: 4.0/4.0

Expected Graduation: May 2024

Relevant Coursework: Data Structures, Object Oriented Programming, Database Systems (Relational Databases), Software Engineering, Web Development, Database Design

EXPERIENCE

Box.com/eDefender Software Integration (SBPD)

Document Lead/Codebase Lead

August 2023 – Current

- Implemented a cloud native transcription program, using Azure Video Indexer, AWS Lambda, Box, NodeJS, and Web APIs to introduce **100% automated** video processing.
- Collaborated in an agile manner with cross-functional team sprints going through the entire software development cycle, **participating in 100% of weekly scrums**.
- Managed the construction of all major documents, including meeting minutes, user manuals, backlog, software-based documents, **improving workflow by ~75%**.
- Modularized codebase, hosted on GitHub, updating dependency versions, refactoring code, handling exceptions, **enhancing project efficiency and maintainability**.
- Led the integration of various codebase related tasks including error handling and logging, maintaining up-to-date versions, and AWS S3 bucket maintenance to **increase stability and accuracy**.

Data Structures Tutor (Java)

Society of Hispanic Professional Engineers x Papaya Tutor

January 2023 – Current

- Provided assistance to **100+** students while fostering an inclusive learning environment and collaborating with instructors to teach essential programming principles and concepts.
- Guided students in studying and preparing for a course necessary in their continuation as Computer Science students resulting in **~93% of students passing with a C+ or higher**.
- Facilitated **60-minute** data structure review sessions **3 times a week**, provided **comprehensive** class notes, and supplied supplemental notes and videos to all students.

PROJECTS

Book Generator/Reading List | JavaScript, NodeJS, Express, MongoDB

August 2023 – October 2023

- Utilized a **Web API** to create a **REST API backend application** to generate and edit reading lists; allows users to generate a random book, save books to their list, delete books off their list, and rate books.

Skin Care Receipt | Java

August 2023 - September 2023

- Developed a **dynamic CLI** capable of generating and storing an editable skin care routine, obtaining data from the local database, based off the number of steps desired by user input.

Book Exchange | Python, Django, HTML/CSS, SQL, Bootstrap

May 2023

- Produced a **web-based application** where management of various types of literature can be carried out, including adding new books, rating, favoriting, commenting, and searching through the database.

TECHNICAL SKILLS

Languages: JavaScript, Java, Python, SQL, HTML/CSS, C#

Frameworks/Tools: MongoDB, NodeJS, Bootstrap, ASP.NET, MySQL, Postman, AWS (Lambda), Azure