Jose Castillo Lee

(818)-617-4824 | andrelee089@gmail.com | https://github.com/joseclee

Experience

CMMS Intern | Los Angeles County Museum of Art   **Sep 2022 - Mar 2023**

- CMMS - Computerized Management and Maintenance Software
- Updated LACMA's helpdesk software with FMX and automated maintenance requests and scheduling to reduce downtime throughout the year.
- Created excel dashboards to automate tracking and task success rate.
- Tracked incoming and outgoing requests to isolate expenses and reduce costs by 20% per quarter.

Library Technology Student Assistant | CSUN   **Sep 2023 - Present**

- Assist patrons with issues and facilitate device transactions with Alma and OnBase.
- Identify and solve problems with printers and do regular maintenance.

Math and Computer Science Tutor | Glendale College   **Sep 2021 - Sep 2023**

- Instructed students in Calculus I, II, III, Statistics, C++, MATLAB, and Java through drop-in sessions and scheduled appointments, providing individualized learning sessions and support.

Projects

Drawn Digits Identifier | Python, TensorFlow   **Sep 2023- Dec 2023**

- Designed an algorithm using interpolation to search for an object representing a food item.
- Implemented merge sort to automate sorting objects by criteria as they are read.
- Leveraged Material UI and Bootstrap to create a dynamic UI.

Moviesseur | Java, Spring Boot, MongoDB, React   **Nov 2023 - Dec 2023**

- Full-stack application that displays movie trailers from YouTube, and user-written reviews.
- Implemented a robust RESTful API for seamless data communication
- Movie data stored with MongoDB using JSON files and controlled by a Maven application while ensuring data security and access control.

castillolee.com | HTML, CSS, JavaScript, Netlify   **Jul 2022 - Aug 2022**

- Static webpage built using vanilla HTML, CSS, and JavaScript.
- Currently being hosted publicly with Netlify at https://castillolee.netlify.app.
- Smaller projects hosted here: JavaScript snake game, React To-Do list, virtual Arduino programming.

Education

B.S Computer Science | California State University at Northridge, CA   **Jun 2025**

Advanced Data Structures and Algorithms, Software Engineering, Discrete Structures, Linear Algebra, Differential Equations, Computer Architecture, Networks and Security, Automata,

A.S Mathematics | Glendale Community College   **Jun 2023**

Skills

C/C++, Java, Python, JavaScript, NASM Assembly, MATLAB, HTML, CSS, React, Node.js, Sprint Boot, Material UI, Bootstrap, MongoDB, TensorFlow, NLTK, Github, Netlify, Excel, Sheets, Access

Hobbies

Member of Freeport Rugby Club, Pasadena Roving Archers, and 1st Trinidad Sea Scouts