

# Gerard Rosario

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## EXPERIENCE

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### Jet Propulsion Laboratory (JPL)

Los Angeles, California

Front End Graphics Lead

August 2020- June 2021

- Used requirement elicitation techniques to accurately record and create software and business requirements to satisfy liaison's business needs.
- Learned and used JavaScript's Three.js library to create a 3D application that fit liaison's expectation of a JPL level application, in terms of both function and appearance.
- Successfully led a team of three in an agile work environment, focusing on feature-driven development.

## PROJECTS

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### Senior Design Capstone Project

August 2020 – June 2021

- Successfully created 3D model interface in JavaScript, which JPL liaisons didn't think was possible.

### Blog / Content Management System

Dec 2021

- Used SQL and JDBC to manage CRUD operations within application to efficiently and correctly retrieve and display stored data.
- Combined JAVA and SPRING to create a blog with three defined user types. Included features like commenting, hash tags, and user

### Adidas Sales Dashboards

April 2023

- Sales dashboard made from Adidas sales data using Excel. Includes a slicer to visualize specific data.

### Nashville Housing Data Cleaning

May 2023

- Leveraged data wrangling and data cleaning techniques to increase the usability and readability of Nashville housing data in the MS SQL Server.

### Covid 19 Dashboard

June 2023

- Created Covid-19 dashboard, and used Microsoft Power BI visualization tools to effectively display the impact of the COVID pandemic globally

### YouTube Analysis

June 2023

- Obtained Mr. Beast YouTube Video Data. Performed exploratory data analysis using Python and .plot to generate useful insights / trends.

### Python Flask Web App

June 2023

- Created a note keeping app using the Python language and the flask framework in VS Code studio.
- Held user object and note object in a database using SQL Alchemy.

## TECHNICAL SKILLS

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- **Languages:** Python, Java, JavaScript, HTML, CSS. SQL.
- **Frameworks:** Django, React, React Native, Spring/Boot/Security, Bootstrap
- **Tools:** Eclipse, Visual Studio Code, IntelliJ, Node.Js, Maven. Power BI. Excel
- **Database:** MySQL, MongoDB, MS SQL

## EDUCATION

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### California State University, Los Angeles.

Graduated: May 2021

- Bachelors of Science, Computer Science
- **Relevant Coursework:** Software Engineering, Java Programming, Programming with Databases, Web and Internet Programming, Principles of Database Design, Computer Networking Protocols, Programming Language Paradigms, Computer Organization, Statistics.

### The Full Stack Data Analyst BootCamp.

Completed: March 2023

### Los Angeles Valley College: Medical Coding.

Completed: June 2023

