Gerard Rosario

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WORK EXPERIENCE

Jet Propulsion Laboratory (JPL)   **August 2020 – June 2021**
Front End Graphics Lead   *Los Angeles, California*
- Used requirement elicitation techniques to accurately record and create software and business requirements to satisfy liaison's 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.

PROJECT Ex

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**
- Successfully created app by combining Python language and the Flask framework in VS Code studio.
- Quickly learned and applied SQL Alchemy to store notes in databases.

EDUCATION

California State University, Los Angeles.   **Graduated: May 2021**
Bachelors of Science, Computer Science
- **Dean's List**: 2020-2021, **Activities**: Association of Computing Machinery (ACM) 2019 – 2021, **GPA**: 3.4 / 4.0

Wiley Edge: Alumni Training Program   **October 2021 – August 2022**
Udemy: Full Stack Data Analyst Bootcamp   **March 2023**

CERTIFICATIONS, SKILLS & INTERESTS

- **Skills:** Python, Java, JavaScript, HTML, CSS. SQL, Django, React, ReactNative, Spring/Boot/Security, Bootstrap, Eclipse, Visual Studio Code, IntelliJ, Node.Js, Maven. Power BI. Excel, MySQL, MongoDB, MS SQL
- **Interests**: Archery, Guitar