

Gerard Rosario

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WORK EXPERIENCE

Greentree Group

September 2023 – December 2023

Data Automation Analyst Intern

- Developed Power Automate desktop flows to streamline processing of applicant information for hundreds candidates.
- Improved efficiency and speed of desktop flows by updating flow logic, reducing runtime cost by 100%.
- Implemented automated follow-up processes, including sending forms, interview details, and application questions.
- Ensured accurate data transmission and data quality between applicants and employers for various job advertisements.

Jet Propulsion Laboratory (JPL)

August 2020 – May 2021

Front End Graphics Lead

- Translated business requirements into software products using elicitation techniques.
- Utilized JavaScript's Three.js library to create a sophisticated 3D application meeting JPL standard.
- Led a team of three in an agile environment, focusing on feature-driven development.

PROJECT EXPERIENCE

Bike Sales Visualization | *SQL Server Management Studio (SSMS), Excel, Tableau Public*

April-May 2024

- Extracted datasets, transformed data by cleaning and combining data entries, loaded new datasets into excel.
- Created 8 Pivot Tables, which were used to make an Executive Dashboard in Excel.
- Recreated the executive dashboard in Tableau Public for better visualization tools.

Health Data Visualization | *MySQL Workbench, Excel, Power BI*

February-March 2024

- Extracted datasets, transformed data by cleaning and combining data entries, loaded new datasets into excel.
- Created 8 Pivot Tables, which were used to make an Executive Dashboard in Excel.
- Recreated the executive dashboard in Tableau Public for better visualization tools.

Covid 19 Dashboard | *Excel, Power BI*

July – August 2023

- Created an informational dashboard, and used BI visualization tools to display the impact of COVID.

Python Flask Web App | *Python, Flask (SQLAlchemy & Login)*

April-June 2023

- Spearheaded the development of a visualization app, which created and kept records of typed notes.
- Continuous improvement of App through added features like login/signup authorization and note deletion.

Blog / Content Management System | *Java, Spring, SQL, HTML, CSS, JavaScript*

Dec – Jan 2022

- Implemented CRUD operations with SQL and JDBC for data management.
- Developed a blog with Java, Spring, HTML, CSS, and JavaScript.

MOONTrek Project | *Python, Django, JavaScript*

August 2020 – June 2021

- Built a 3D model interface using JavaScript and the MOONTrek Mosaic Model.
- Added data layer functionality using Three.js library.

EDUCATION

California State University, Los Angeles.

Degree Completed: Bachelors of Science, Computer Science

GPA : 3.4 / 4.0

Full Stack Data Analyst Bootcamp | Data Mentor

Google Data Analytics Certification | Coursera

SKILLS & TOOLS

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