Jerold B. Gomez

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Experience

Data Analyst Intern | **City College of Tagaytay**
Aug 2024 - Sep 2024

- Enhanced data integrity and operational efficiency by cleaning and processing large enrollment/academic datasets using Google Sheets. Developed interactive Power BI dashboards, transforming complex data into actionable insights that supported institutional decision-making.

- Contributed to a smoother onboarding experience by improving data capture processes for incoming freshmen and provided crucial systems support to maintain office productivity.

Junior IT Analyst | **City College of Tagaytay**
Jul 2023 - Jul 2024

Spearheaded the creation of detailed reports documenting the IT team's initiatives, projects, and achievements. Compile and present actionable insights to leadership, fostering informed decision-making.

Production Crew | **McDonald's Tagaytay Olivarez**
Aug 2022 - Sep 2022

- Efficiently managed food preparation and cooking tasks, ensuring adherence to food safety and quality standards.
- Collaborated with team members to maintain a clean and organized kitchen environment. Maintained high levels of customer service during peak hours by working quickly and efficiently.

Certification

Coursera
Google Data Analytics Professional Certificate
Aug 2023 - Feb 2024

Developed a comprehensive *capstone project* as part of the Google Data Analytics Professional Certificate course, applying advanced data analytics techniques to solve a real-world problem or scenario.

Education

City College of Tagaytay
Bachelor of Science in Computer Science
2021 - 2025

Skills

Analytics
Python, SQL, R, Excel, Tableau, Power BI

Programming Language
Javascript, HTML, SCSS, Java

Libraries & Frameworks
Jupyter Notebook, React, Next.js, Tailwind CSS, Flutter

Tools & Platforms
Git, GitHub, Figma, Vercel, Render, Firebase

Selected Projects

Amazon Fine Food Review Sentiment Analysis
Performed sentiment analysis on 500,000 Amazon fine food reviews using VADER (NLTK) and RoBERTa (transformers). Utilized Python (pandas, numpy) for data processing, tqdm for progress tracking, and visualized results with Matplotlib and Seaborn.

E-commerce Website Optimization Analysis
Completed a case study for the Google Data Analytics Certificate, analyzing a 170K+ record e-commerce dataset to uncover user behavior patterns by demographics, traffic sources, and membership. Utilized R for data cleaning and analysis, and Tableau to visualize key metrics and deliver actionable business insights.

Coronavirus Data Exploration
A data analysis and visualization project aimed at understanding the spread and impact of COVID-19 using real-world public health datasets. Using SQL for data extraction, Excel for preprocessing, and Tableau to build dynamic visualizations that revealed global trends and regional patterns in case growth and recovery rates.

Interests

Data Science, Artificial Intelligence, Natural Language Processing, Chatbot Development, Cloud Integration, and creating innovative solutions that combine intelligent technologies with practical applications to improve user experiences.