Name

Jimenez Jaysonnel C.

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Phone Number

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Objectives

"Motivated third-year Computer Science student with strong foundational knowledge in programming, algorithms, and data structures. Eager to apply technical skills and analytical problem-solving abilities in a professional setting to gain practical experience and contribute effectively to a collaborative team. Seeking opportunities to learn, grow, and bring value through a hands-on role in software development or IT support."

Educational background

Primary Education

- Diamond Academy (209 – 2015)

Secondary Education

- Phoenix international of science and technology (2015 – 2019)
- University of Perpetual Help System DALTA – Molino Campus (2020-2022) o Accountancy, Business, and Management (ABM)

Tertiary Education

• University of Perpetual Help System DALTA – Molino Campus (2022-Present) Bachelor of Science in Computer Science with specialization in Data Science.

Seminars/Webinars Attended

- 11th international webinar: Deep Fake News Detection
- 10th International Webinar: Grey Wolf Optimization Technique in Machine Learning
- 8th nternational Webinar: Innovation in IoT for smart applications.
- 7th International: Modern technology of parallel

- Seminar on innovation practices in the area of Wearable computing
- Blockchain Club Presentation
- Green IOT of Poland

Skills

- **Database Management Systems (DBMS):** Skilled in MySQL, PostgreSQL, MongoDB, and XAMPP, with expertise in schema design, normalization, and ensuring efficient data storage and retrieval.

- **SQL and Scripting Languages:** Proficient in writing complex SQL queries for data manipulation, retrieval, and performance tuning through indexing and query optimization techniques. Skilled in automation with **Python** and Java to streamline repetitive database and web application tasks.

- **ETL and Data Integration:** Experienced in creating ETL workflows using tools like Talend and RapidMiner, and integrating diverse data sources for small to mid-sized applications.

- **Web Development and Front-End Integration:** Knowledgeable in HTML and its integration with backend databases, along with Python-based web frameworks, to enable dynamic data-driven web applications.

- **Data Security and Backup:** Competent in implementing data encryption, role-based access controls, and developing reliable backup and recovery protocols for secure data management.

- **Database Design and Optimization:** Skilled in designing efficient relational schemas and normalization processes to reduce redundancy and maximize storage efficiency.

- **Query Performance Optimization:** Proficient in enhancing query efficiency through indexing, query restructuring, and analyzing execution plans.

- **Data Visualization:** Able to utilize tools like Power BI and Tableau to convert raw data into visual insights, supporting business decision-making.

- **Version Control and Collaboration:** Experienced with Git for tracking and managing changes in database scripts and code repositories in collaborative projects.