MARRIANE C. ROQUE

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SUMMARY

An Information Technology student looking for an internship in Data Analytics, aiming to apply skills in data collection, analysis, and visualization while gaining practical experience in turning data into actionable insights for better decision-making.

PROJECTS

AGRISENSOR: AI-POWERED CROP MONITORING SYSTEM   2025 - 2026

- Implemented a web-based platform for image capture, AI-based plant condition classification, logging, and result visualization to support timely and informed gardening decisions
- HTML, CSS, JavaScript, Figma, Artificial Intelligence, Machine Learning, Image Processing, Web-Based System, Data Analysis

LAN-BASED DATA MANAGEMENT SYSTEM FOR SENIOR HIGH SCHOOL OF MAYOR   2025
SIMPLICIO MANALO NATIONAL HIGH SCHOOL

- Designed and developed a LAN-based data management system for managing student records, teacher records, and document requests within the Senior High School department.
- Managed and structured a relational database to ensure secure storage and efficient data retrieval within a local network environment.
- HTML, CSS, JavaScript, PHP, Bootstrap, MySQL, XAMPP

INTEGRATED REAL-TIME CLOCK s WEATHER STATION WITH ARDUINO UNO   2025

- Designed and developed an embedded system project that displays real-time clock and temperature data using Arduino Uno and TFT LCD display.
- Implemented real-time timekeeping and temperature monitoring using DS3231 RTC module.
- Designed circuit connections and simulated the project prototype using Tinkercad.
- C/C++Arduino IDE, Arduino Uno, DS3231 RTC Module, TFT LCD ST7735S, Tinkercad

SKILLS

- HTML, Basic PHP, CSS, JavaScript.
- MySQL, Firebase.
- Wireframing and prototyping.
- Visual Studio Code, GitHub, Figma, Canva, Office Tools

EDUCATION

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY   2022 - PRESENT
Pateros Technological College

INFORMATION AND COMMUNICATION TECHNOLOGY   2021 - 2022
Far East College of Information and Technology Incorporation

QUALIFICATION

- Good communication and teamwork skills
- Able to organize and analyze data
- Skilled in creating reports and documentation
- Problem-solving and analytical mindset
- Detail-oriented and quick learner