



RITCHIE JOHN S. SAN GASPAR

Experience

January 25, 2023 – March 9, 2023

Internship • I.T/Encoder • Office of the Mayor

My responsibilities in my internship are encoding and installing a system.

Jan. 15, 2024 – March 5, 2024

Customer Service • Technical Support Representative • Foundever

My responsibilities as a Technical Support Representative are Troubleshooting Household Appliances.

Education

- Colegio De San Gabriel Arcangel (Aug, 2019 – July, 2023), City of San Jose del Monte, Bulacan
CHED Private Education Student Financial Assistance (PESFA) Scholar (2019 – 2023)
Dean's Lister 2nd Sem. 2020 – 2021

Competencies:

Microcontroller: Arduino

Integrated Development Environment: Arduino IDE, Visual Studio, Eclipse

Programming Language: HTML, JAVA

Operating System: Windows11, Windows10, Windows 7

Microsoft Office: Word, PowerPoint

Projects:

I. REAL-TIME WATER QUALITY MONITORING SYSTEM: AN ARDUINO-BASED APPLICATION

Description: Given the knowledge in electronics and microcontroller programming, the researchers developed an Arduino-based real-time monitoring system for water quality. Using various sensors, the system is capable of measuring water quality parameters such as turbidity, acidity, temperature, and amount of total dissolve solids. The raw data will then be converted to a more user-friendly information by using a simpler water quality remarks that is more comprehensible to users.

Team size: 7

Role played: Programmer, Hardware Designer, Data Researcher

San Jose Del Monte, 3023

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Skills

- Proficient in Microsoft Office
- Troubleshooting
- Sketch Up
- Computer Literate
- AutoCAD

References

Jimmy De Vera Roldan, MSIT

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Programmer

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