Zymon Xylk R. Centeno
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Career Objective

Motivated and detail-oriented Computer Engineering student eager to apply technical and programming skills in a dynamic and growth-oriented environment. Seeking an entry-level role to contribute to innovative projects while continuing to grow professionally.

Work Experience

Frontend Developer Intern – Tayabas City
June 10 – August 16, 2024

– Developed and styled a responsive forum web page using HTML, CSS, and JavaScript

– Assisted in integrating basic back-end functionalities to support forum features using PHP

Technical Skills

– Programming Languages: C++, Python, HTML, CSS, JavaScript (Beginner)

– Tools & Platforms: Arduino, Raspberry Pi, ESP32

– Database: MS SQL, MySQL Workbench

– Software: Microsoft Office (Word, Excel, PowerPoint), Visual Studio Code

– Hardware Skills: Hardware troubleshooting, Electronics prototyping

Education

Manuel S. Enverga University Foundation
BS Computer Engineering — Expected June 2025

– Academic Research Awardee

– Relevant Coursework: Microcontrollers, Software Engineering, Web Development

Projects

Capstone Project – Smart Aquaculture: A Sensor-Driven System for Automated Feeding and Water Quality Monitoring in Fishponds

- Designed and developed a smart aquaculture system using microcontrollers and sensors

- Automated fish feeding schedules and enabled real-time monitoring of water quality parameters (e.g., pH, temperature, turbidity)

- Improved aquaculture efficiency and reduced manual labor through IoT-based automation

Tic Tac Toe Game: Implemented a simple two-player console game using C++

Hotel Management System: Developed a basic hotel booking and customer management system in C++

Student Violation Management System: Created a system to track and manage student violations using C++

References
Available upon request