

# MARLO O. GALLEGO

## INFORMATION TECHNOLOGY STUDENT

### CONTACT

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<https://github.com/Mawlow>

### SOFT SKILLS

- Teamwork
- Time Management
- Leadership
- Critical Thinking
- Willingness to learn

### TECH SKILLS

- Internet of Things
- Retrieval-Augmented Generation
- C#
- Python
- JavaScript
- SQL / MySQL / Firebase
- Web Development
- HTML
- CSS

### LANGUAGES

- English
- Tagalog
- Cebuano



### PROFILE

A BS Information Technology student with a strong interest in web and software development, building skills through academic projects and personal learning. Highly motivated to gain real industry experience, contribute to meaningful projects, and continue developing technical abilities and professional growth in the IT field.



### EDUCATION

**Bachelor of Science in Information Technology** 2022 - Present

College of Computer Studies | University of Cebu main

**GPA:** 1.5

**General Academic Strand**

2019 - 2021

SHS Department | Western Masbate Roosevelt High School

**GPA:** 95



### PROJECTS

**AquaSolar**

2024 - 2025

A comprehensive smart water management solution combining ESP32 microcontroller, solar power integration, and AI-driven support through RAG (Retrieval-Augmented Generation) technology. The system monitors water flow in real-time, detects leaks automatically, sends SMS alerts, and features an intelligent chatbot powered by Large Language Models that provides contextual assistance, system diagnostics, and data-driven recommendations through natural language conversations.

**Technologies Used:** MicroPython, ESP32, Flask, Firebase, HTML/CSS/JavaScript, RAG, LLM

**Personal Portfolio Website**

2024 - 2025

A personal portfolio platform showcasing professional projects, skills, and achievements with an integrated AI chatbot assistant powered by RAG and LLM for interactive visitor engagement, providing intelligent responses about experience, technical expertise, and project details.

**Technologies Used:** Flask, HTML/CSS/JavaScript, RAG, LLM



### ACHIEVEMENTS

Academic Scholar from First Year to Third Year, consistently maintaining strong academic performance and commitment to excellence in the field of Information Technology under the College of Computer Studies at the University of Cebu - Main Campus.

Recognized as a Dean's Lister for two semesters, demonstrating strong academic performance in BS Information Technology. Graduated in Senior High School with High Honors, earning a GPA of 95.