

Arjay L. Malaga

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EDUCATION

Western Mindanao State University

Zamboanga City, Philippines

Bachelor of Science in Computer Science

May 2024

- Awards (College Level): Leadership Awardee, Academic Awardee
- Thesis Presenter: 2024 WMSU Agency In-House Review For Completed Paper (Graduate and Undergraduate)

PROJECTS

La Limpieza: A Smart Garbage Bin with Monitoring & Management System using Internet of Things (IoT)

IoT Developer

- Developed the algorithm for the smart garbage bin system using Arduino IDE and Libraries.
- Utilized the BLYNK platform for real-time monitoring and management.
- Created Over-the-Air (OTA) updates to enable the smart bin to connect to any Wi-Fi network.

PHSI Content and Event Management Web Portal

Backend Developer

- Developed the system using PHP, MySQL, JavaScript, HTML5, CSS3, Bootstrap, jQuery.
- Collaborated with the project manager, quality assurance, and designer to ensure seamless project execution.
- Deployed the system using Hostinger.

Multivendor Ecommerce

Fullstack Developer

- Developed the system using PHP, MySQL, JavaScript, HTML5, CSS3, Bootstrap, and jQuery.
- Designed the UI/UX of the system.
- Utilized Git and GitHub for efficient version control.

LEADERSHIP & RELATED EXPERIENCES

Google Developer Student Clubs - CRIMSONSONS

Zamboanga City, Philippines

Aug 2023 - May 2024

Assistant DevOps Technical Officer

- Facilitated various events by managing attendee communications and ensuring smooth execution.
- Actively promoted Google applications by conducting events to enhance engagement and participation.
- Designed and maintained Google Forms for event registrations, streamlining participant data collection.
- Served as a chat moderator for online events conducted via Google Meet, fostering a positive virtual event.

WMSU Youth Peace Mediators - UNESCO Club

Zamboanga City, Philippines

Jun 2023 - May 2024

Creative and Visuals Committee, Head

- Planned content strategy for the club's Facebook page to boost online visibility and interaction.
- Implemented a consistent posting schedule to maximize online engagement and audience reach.
- Managed a comprehensive database system to organize and store event-related files and documents.
- Created visually captivating graphics and videos using Canva and Capcut to enrich promotional materials.

TECHNICAL SKILLS

Languages: PHP, JavaScript, MySQL, Python, HTML5, CSS3

Frameworks & Libraries: React, Tailwind, Bootstrap, jQuery

Tools and Platforms: VSCode, GitHub, Git, Google Colab, Vite

Design: Figma, Canva

Oral Communication: Conversational English, Tagalog, Chavacano