

# Christian Alexis A. Merano

# BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

## Contact

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## Experience

## OJT/INTERNSHIP - IT

## BETHEL GENERAL INSURANCE &

**SURETY CORP. Ilo-Ilo City Philippines**

- Maintaining, troubleshooting, and debugging client data management systems.
- Developed a payment monitoring interface using PHP and SQL.
- Collaborated in IT review and hardware troubleshooting.

JULY - AUGUST 2024

## Projects:

- **Arduino Doorbell** – Designed an accessible alert system using Arduino and push-button input for PWD users.
- **ESP32 Anti-Intruder** – Created a laser-based intrusion detection system with IoT notifications via Blynk platform.
- Client data storage and monitoring payment System at Bethel General Insurance
- **UA Vendo Smart:** (Thesis Project) – An IoT-enabled vending machine that distributes test booklets to students. The system tracks inventory, sends alerts, and monitors earnings in real time.

## Objective

Motivated computer engineering graduate with a strong foundation in IoT systems, software development, and hardware prototyping. Passionate about solving real-world challenges through technology, and eager to contribute to innovative teams while continuing to grow professionally.

## SKILLS

- Programming: C++, Python, Java, PHP, HTML, CSS, SQL, JavaScript
- Hardware: Arduino, ESP32, Raspberry Pi, Logic Gates, Circuit Prototyping
- Tools & Frameworks: Blynk, Xampp, Visual Studio, Anaconda, and Arduino IDE
- Networking: Basic routing & switching, CSCI Level 1
- AI/ML: Basic knowledge of machine learning concepts

## Certifications, Webinars, Trainings

- - TESDA: Programming (Java) NCIII
- - TESDA: CSIH (Computer Security Incident Handling) – Level 1
- TESDA: CSS (Computer Systems Servicing) NCII
- - Cisco Networking Academy: Introduction to Cybersecurity CISCO Networking Academy-Introduction to Cybersecurity
- - Bridging the Gap: Strategies to Overcome the Cybersecurity Skills Shortage
- - Beyond the Hype: The real impact of Artificial Intelligence on Education

## Education

**COLLEGE:**

University of Antique [2021 – 2025]

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

### High School - Senior High School:

## Antique National School

**(TVL – Animation and Illustration)**