YZA S. CASIMERO

STUDENT/SCHOLAR

Balanacan, Mogpog, Marinduque, PH | email: **yzasoliscasimero@gmail.com** | **+63 995 894 6888**

Computer Engineering student in my 4th year with a strong foundation in data analysis, eager to pursue a career in data science. I am passionate about transforming raw data into meaningful insights through analytical thinking and problem-solving. Skilled in programming, statistical modeling, and teamwork, I thrive in tackling complex challenges and applying innovative approaches to real-world problems.

AREA OF EXPERTISE

Data Analysis & Visualization Machine Learning Fundamentals	Programming & Scripting Database Management	Statistical Modeling Team Collaboration & Project Development

KEY ACHIEVEMENTS

- **Data Analytics Proficiency.** Completed the Google Data Analytics Specialization (Coursera), and gained hands-on experience in data cleaning, visualization, and SQL-based analysis.
- **Applied Data Science Skills.** Earned a Cisco Networking Academy Data Analytics Essentials certification, strengthening knowledge in statistical concepts, data interpretation, and business decision-making.

PRACTICAL EXPERIENCE

App Developer (Better-Fly System), DOST   **August 2025 - Present**
- Developed and deployed the Better-Fly App, an environmental monitoring system designed for butterfly rearing, integrating sensors for light, humidity, and temperature control.
- Implemented automated data collection and monitoring features, enabling real-time insights into environmental conditions.
- Optimized system efficiency by combining hardware and software solutions.
- Collaborated in project design and testing, ensuring smooth functionality and user-friendly interface.

Backend Developer, Rezidencia Faeldo Restaurant   **September 2025 - Present**
- Engineered the backend architecture of the Rezidencia Faeldo Online Ordering System.
- Developed and optimized APIs for order processing, inventory tracking, and user authentication.
- Integrated database solutions to support real-time transactions and improve system reliability.

EDUCATION

Google Data Analytics   **Aug 2023 - Dec 2023**
Coursera

Introduction to Data Analytics Essentials   **July 2025**
Cisco Networking Academy

Bachelor of Science in Computer Engineering   **July 2022 - Present**
Marinduque State University
- Relevant coursework in Data Analytics.
- Thesis on Better-Fly: An Automated Rearing System with Image-Based Food Quantity Monitoring.

ADDITIONAL INFORMATION

- **Languages:** English, Filipino.
- **Certifications:** 4th Runner Up in National ICpEP Robothon Competition.
- **Scholarships:** DOST JLSS Scholar (2024-Present), OWWA Scholar (2022-2023), CardBank Inc. Scholar (2022-Present)