JOY S. ESPINOSA
Baybay City, Leyte | joy.espinosa@vsu.edu.ph | (+63) 9947105026

Dedicated college instructor with knowledge in Operating Systems, Object-Oriented Programming, and visual programming. Passionate to create a dynamic learning environment that gives students both academic knowledge and practice skills, and passionate about both education and technology.

EDUCATION

Cebu Institute of Technology - University   *Cebu, City*
Master of Science in Computer Science (*ongoing*)

Visayas State University   *VSU, Baybay*
Bachelor of Science in Computer Science   **June 2016 - August 2020**

Bunga National High School   *Baybay City, Leyte*
Secondary Education   **June 2009 - March 2013**

Bunga Elementary School   *Baybay City, Leyte*
Primary Education   **June 2003 - March 2009**

WORK EXPERIENCE

College Instructor
Visayas State University
August 2020 - July 2025
- Teaching Empowerment Technology, Living in the IT Era, Object-oriented Programming, Event-Driven Programming, Fundamentals of Computer Programming and Operating Systems.
- Advising students research and projects.
- Conducting research projects.

THESIS STUDY/ RESEARCH

Convolutional Neural Network Model for Cacao Phytophthora Palmivora Disease Recognition
- *International Journal of Advanced Computer Science & Applications · Aug 1, 2024*

Development of a Cacao (Theobroma cacao L.) Phytophthora Palmivora Disease Recognizer Using C4.5 Decision Tree Algorithm
- *Final Year Thesis Study*
- *Image Processing based application*
- *This application was aimed to systematize the recognition of Phytophthora Palmivora disease in Cacao plant.*

OTHER DATA

Languages: C++, C#, Java, PHP, HTML, Javascript, CSS, SQL
Skills: Image Processing/ Web Application Development
Frameworks: Microsoft.NET
Tools: MS Visual Studio Ultimate 2010, Net Beans, Code Blocks