



# JOY S. ESPINOSA

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 practical skills, and passionate about both education and technology.

## Contact

- Address**  
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## Area of Interest/ Skills

- Computer Vision
- Emerging Technologies in IT Education
- Web Programming
- Graphics
- Software Development Technologies
- Artificial Intelligence

## Work Experience

**College Instructor**  
**Visayas State University**  
*August 2020 - Present*

- 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.

## Certifications

- PhilNits IT Passport
- DICT Diagnostic Test
- SPARTA Honor Certificate (Getting Grounded on Analytics)
- AORA Certification ( Cloud Computing, Edge Computing, OpenFlow, SDN , Radio Access Network, AI and Ethics Governance

## Research

- Development of a Cacao (*Theobroma cacao L.*) Phytophthora Palmivora Disease Recognizer Using C4.5 Decision Tree Algorithm
- Convolutional Neural Network Model for Cacao Phytophthora Palmivora Disease Recognition.

## Education

June 1998 - March 2004	<b>Bunga Elementary School</b> <i>Brgy. Bunga, Baybay City, Leyte</i>
June 2005 - March 2008	<b>Bunga National High School</b> <i>Brgy. Bunga, Baybay City, Leyte</i>
June 2016 - August 2020	<b>Visayas State University</b> <i>Bachelor of Science in Computer Science</i>
August 2022 - Present	<b>Cebu Institute of Technology - University</b> <i>Master of Science in Computer Science (ongoing)</i>