Robby P. Galang

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Education

Mapúa Malayan Colleges Laguna   **Cabuyao, Laguna**
Bachelor of Science in Computer Science   *Expected* October 2025
President's Lister
Relevant Coursework: Software Engineering, Web Development, Machine Learning

Projects

AgriKA
Thesis Project

- Developed a deep learning model integrating CNN-based feature extraction and LSTM for temporal modeling to predict rice yield.
- Used Tensorflow and Resnet50 for modeling and AWS for the website.

LORO
Microsoft ASEAN AI for Accessibility Hackathon 2024

- Presented a startup pitch for an AI-driven mobile app to enhance speech learning for children with speech disabilities.
- Secured 2nd Place

Haste-urant
Final Project - Software Engineering

- Developed a POS system for unlimited food service, enabling customers to reorder from their seats without waiter interaction.
- Built using HTML and PHP for front-end and back-end, ensuring a smooth user experience and efficient data management.

GM3 (Gamitin Mo Mata Mo)
Final Project

- Developed a color-based game where players identify the color that differs from the rest. The game increases in difficulty with each correct answer, enhancing visual perception and reaction time.
- Utilized Xamarin and XAMPP with PHP for data handling.

Bibe Kalma
Final Project - Game Development

- Developed a 2D endless runner game where players dodge obstacles and earn points. The game features progressive difficulty levels and a coin system to unlock new characters.
- Built using Unity.

Additional

Language: Tagalog, English
Technical Skills: Python, C#, PHP, HTML, JavaScript, Xamarin, Unity, GitHub, Word, Excel, PowerPoint
Soft Skills: Problem Solving, Teamwork, Time Management, Adaptability, Analytical Thinking
Interests: Game Development, Software Development, Artificial Intelligence, Machine Learning
Certifications: CompTIA IT Fundamentals+, AWS Academy Cloud Foundations, Google Skill Boosts