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Education

College

Bachelor of Science in Computer Science

Graduated: June 2025

Calamba City, Laguna, Philippines.

- **Courses:** Software Engineering, Web Development, Mobile Application Development, Machine Learning, Visual Programming, Data Structure and Algorithms

Work Experience

ICT - City Government of Calamba

Web Developer Intern

December 2024 – March 2025

Calamba City, Laguna, Philippines

- Developed and optimized a Stall Management System for Mercado de Calamba Public Market, improving stall allocation and user experience.
- Collaborated with a development team to integrate an interactive 3D map model, visualizing stall availability for better user interaction.

Freelance Programming

Freelance Developer

November 2024 – Present

Calamba City, Laguna, Philippines

- Provided programming assistance to students, helping them with academic projects, coding assignments, and software development activities.
- Designed, optimized, and deployed applications to support students in understanding coding concepts and best practices.

Projects

NutriPro | *Mobile App* | [Link](#)

Flutter | **Dart** | **Pyhon** | **YOLO**

- A mobile-based app utilizing YOLOv8 for real-time vegetable freshness grading and classification, helping users assess produce quality.

Mercado De Calamba | *Website* | [Link](#)

ReactJS | **JavaScript** | **PHP** | **ThreeJS**

- Developed a stall management system for a public market, integrating an interactive 3D map for real-time stall availability visualization.

Maxima | *Website* | [Link](#)

PHP | **JavaScript** | **HTML/CSS** | **Bootstrap** | **SQL**

- Built a scheduling and resort reservation platform that allows users to browse, book, and manage reservations efficiently.

Spam Classifier | *Machine Learning Model* | [Link](#)

Python | **Pandas** | **Scikit-Learn** | **Naive Bayes** | **SVM**

- Implemented a spam classification model using Naive Bayes and SVM, analyzing word frequencies to detect spam messages.

Distance Tracking | *Computer Vision Project* | [Link](#)

OpenCV | **Python** | **YOLO**

- Developed an object distance tracking system using YOLO and OpenCV for real-time measurement applications.

Portfolio Websites | *Personal Web Projects* | [Link](#)

HTML/CSS | **JavaScript**

- Designed and developed responsive portfolio websites for showcasing personal projects, skills, and achievements.

Technical Skills

Programming Languages: PHP, JavaScript, TypeScript, Python, Dart

Technologies & Tools: HTML, CSS, Flutter, Git, GitHub

Databases: MySQL, MongoDB, SQLite

Libraries/Frameworks: ReactJS, Node.js, Bootstrap, Tailwind

Certifications

- * Participation in “A Guide to Data Analysis and Formatting Guidelines”
- * Participation in “LAWIG: A GDSC Philippines Info Session”
- * Participation in “THESIS IT: How's Your Progress?”
- * Participation in “Roadmap to Python Web App Development”
- * **13 Certificates of Completion for Soft Skills Programs from the Wadhwani Foundation**