MARLON M. TRINIDAD JR.

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Motivated and detail-oriented Computer Science graduate (2025) with hands-on experience in UI/UX design, web development, and IT support. Skilled in developing functional applications and enhancing digital solutions through academic projects and professional internship experience. Passionate about software and web development, AI, and cybersecurity, with proven adaptability and teamwork in collaborative environments.

EDUCATION

Bachelor of Science in Computer Science   **2021-25**
National University – Laguna (Calamba City, Laguna)

SKILLS

- **Languages:** Java, JavaScript, PHP, Python, C++, C#, SQL
- **Web Development & Design:** WordPress, Elementor, Figma, Next.js
- **Tools:** MS Office, OBS Studio, MySQL Workbench
- **Frameworks:** Laravel, Microsoft.NET, Next.js, Tailwind (CSS Framework)
- **Platforms:** Visual Studio Code, Jupyter Lab, Apache Netbeans
- **Core Competencies:** Problem-solving, adaptability, collaboration, communication
- **Others:** Deep Learning, Machine Learning

EXPERIENCE

Intern – BytesCrafter Software Development & I.T. Solutions

Feb 2025 – Mar 2025

- Designed UI/UX wireframes and layouts using Figma for company and client websites.
- Assisted in WordPress development, improving site functionality and design.
- Contributed to system testing, bug reporting, and troubleshooting, improving platform performance.
- Provided IT support, assisting with data encoding, PC troubleshooting, and system inquiries.
- Collaborated with development and marketing teams, strengthening skills in teamwork and communication.

PROJECTS

(THESIS) Duplicate File Detection Model (Python, MinHash, LSH, pHash, dHash)
- Developed a hybrid similarity-based model to detect exact and near-duplicate documents and images with high accuracy. Implemented Jaccard Similarity, perceptual hashing, and logistic regression, achieving strong performance on large datasets.

Gym E-Commerce Website (PHP, MySQL, XAMPP Apache)
- Responsible for the front-end of the simple gym website utilizing PHP, MySQL, and XAMPP Apache.

Grading System Web Application
- Co-created a simple grading system web application as a front-end developer. Also Utilizing the Laravel Framework, Laravel Breeze for authentication, MySQL for database management, and XAMPP Apache for the server.

Point of Sales (POS) System (C#, MySQL)
- Developed a POS solution with sales tracking and inventory features.

2D Video Game (Scratch)
- Created an interactive game as part of a game development course.

CERTIFICATION

Certified Professional Proficiency in English 2024
- Test of English for International Communication (TOEIC)

SEMINARS & TRAININGS

- Amazon Web Services: AWSOME Day *(2022, Online Conference)*
- Diversified Robotics: The Digital Workforce Experts *(NU Laguna Auditorium)*