

ROD LESTER A. MORENO

<https://github.com/blackmofan>

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EDUCATION

West Visayas State University, College of ICT

Luna St, La Paz, Iloilo

Bachelor of Science in Computer Science (GWA 1.47)

June 2024

- Relevant Coursework: OS, Computer Graphics and Visual Computing, Web Design and Development, DSA, OOP, AI & ML, Software Engineering, Information Management, Data Mining, Systems Analysis and Design
- Honors: DOST-SEI Scholar Batch 2020, Dean's Lister (from 1st to final year), Magna Cum Laude

PROJECTS

MolarSupport (Next.js, Typescript, Python, SQLite, REST APIs)

May 2023 - November 2023

- Contributed in building a web application using Next.js + DaisyUI as the frontend and Python Flask as the backend framework, while using SQLite to store the data. Established API endpoints.
- Mainly contributed on planning and implementing the logic behind accurately calculating the distance between the to-be-extracted molar tooth and the mandibular canal in the CBCT image.

National Sports Event Tracker (Bootstrap, PHP)

August 2023

- Implemented real-time score tracking, ensuring up-to-the-minute updates on sports events.
- Ensured data integrity and consistency through effective use of Doctrine's ORM capabilities.
- Deployed the application successfully to the server of my university, ensuring security.

Tenancy Management System (TailwindCSS, PHP)

October 2022 - April 2023

- Implemented MySQL database for efficient data storage and retrieval.
- Deployed it on the cloud and passed all of the performance tests from Google Lighthouse.

Poison Information Service (Next.js, Typescript, Python, Laravel)

May 2023 - November 2023

- Developed a full-stack web application that features a chatbot and a customized content management system for news about poisoning as well as management of reports from poisoning cases in Iloilo City.
- Used Dijkstra's algorithm for suggesting the closest facility that has an antidote for the reported case.

eCommerce Website (BigCommerce, jQuery, REST APIs)

December 2023 - December 2024

- Maintained an eCommerce website for a raw ingredient supplier business.
- Implemented custom HTML elements and created scripts for functionalities that are not natively supported.
- Created Python scripts for processes that require API access for data migration.

EXPERIENCE

WVSU-CITE

WVSU, Iloilo

Lead Backend Developer & Full-Stack Developer

Sept. 2022 - March 2023

- Led the development and maintenance of backend systems, ensuring data integrity and system scalability.
- Successfully deployed a full-stack project, improving the overall efficiency and user experience of information dissemination to students in West Visayas State University.

SPARKHUB

WVSU, Iloilo

Engineering Head

Oct. 2022 - April 2023

- Mainly established the software engineering process of the organization to ensure efficiency. Worked as the primary backend developer for the organization's projects.

BINHI

WVSU, Iloilo

Project Lead & Full-Stack Software Engineer

May 2023 - November 2023

- Led the development of a key project from inception to completion, ensuring alignment with client requirements.
- Designed and implemented a full-stack solution using modern web technologies, including HTML, CSS, JavaScript, and PHP (Laravel).

eVA

San Jose, Antique

Website Developer & Social Media Manager

Dec. 2023 - Dec. 2024

- Worked on an eCommerce website for an international client as a full-time website developer and social media manager.
- Designed and implemented website ideas using BigCommerce and social post creatives using Canva and Photoshop.

SKILLS

- C++, Python, Javascript, Node.js, Git, PHP, Laravel, TailwindCSS, Typescript, DaisyUI, CI/CD, BigCommerce, Canva, Photoshop