WINCE LARCEN M. RIVANO

rivanowincelarcen@gmail.com | 0993 700 4684 | linkedin.com/in/wincelarcen | wncelrcn.github.io

SUMMARY

I am a third-year Bachelor of Science in Computer Science student at Mapúa Malayan Colleges Laguna, with a strong foundation in Full Stack Web Development, Project Management, and Machine Learning.

In Frontend Development, I specialize in crafting intuitive, responsive, and user-centric applications using modern frameworks and best practices. On the Backend Development side, I excel in designing and managing databases, as well as developing secure and efficient RESTful APIs to power dynamic applications. Additionally, my experience in Machine Learning includes building and deploying models for object detection, natural language processing (NLP), and predictive analytics, leveraging data-driven insights to solve complex problems.

Beyond my technical skills, I am a dedicated and proactive learner, consistently seeking opportunities to expand my knowledge and stay ahead of industry trends. My commitment to continuous improvement ensures that I remain adaptable and innovative in a rapidly evolving field.

SKILLS

Machine Learning
- Experienced in implementing supervised and unsupervised learning algorithms for classification and clustering.
- Developed a face recognition model, using the face_recognition library and OpenCV, which uses pre-trained models for face detection and encoding.
- Developed multiple object detection models using YOLO v11.
- Trained a natural language processing (NLP) model for text analysis and sentiment classification.

Frontend Development
- Developed multiple web and mobile projects using front-end frameworks including React, React Native, Next.js, Vue.js, and ASP.NET.
- Used CSS frameworks such as TailwindCSS, Material UI, DaisyUI, and Bootstrap.
- Created dashboards and data visualizations using ChartJs.

Backend Development
- Created RESTful APIs using Express.js and Flask.
- Queried and manipulated databases using MS SQL, MySQL, FireBase, and MongoDB.
- Knowledgeable in software design and architecture of software projects.

Project Management
- Spearheaded different teams through the planning, analysis, design, and implementation of various software projects.
- Used project management tools such as Trello, Jira, and GitHub for managing project deliverables

EDUCATION

Bachelor of Science in Computer Science (Specialization in Machine Learning)   **Aug 2022 - Present**

Mapúa Malayan Colleges Laguna
- President's Lister and Dean's Lister throughout my current stay at Mapúa Malayan Colleges Laguna (Running GWA of 1.1942)
- Full Academic Scholar

SELECTED PROJECTS

Wizzy   https://github.com/wncelrcn/Wizzy   **January 2025**
- An AI-powered Flashcard Web App
- Creates customized flashcards from user prompted-topics within seconds, enhancing exam preparation efficiency.
- Made using Next.js, Material UI, Groq AI, and Firebase.

Presenza   https://github.com/wncelrcn/Presenza-Face-Recognition   **November 2024**
- An Event-based Attendance Management System using Face Recognition
- Used OpenCV and the face_recognition module to detect and verify attendees' identities in real-time.
- Made using Next.js, Daisy UI, Firebase, and OpenCV.

EduBot https://github.com/wncelrcn/EduBot   **August 2024**

- An AI Chatbot Web App
- A Student Assistant Chatbot that is aimed to help students in Coding, Grammar, Research, and Plagiarism.
- Made using Next.js, Material UI, Groq AI, and Firebase.

ClassMate https://github.com/wncelrcn/ClassMate   **June 2024**

- A Student Companion Mobile App
- Aids students in efficiently managing their academic responsibilities, including organizing classes, tracking assignments, and managing study schedules.
- Made using Android Xamarin, MySQL, and PHP for creation of RESTFul APIs

TrendLease https://github.com/wncelrcn/TrendLease   **March 2024**

- A Fashion Renting Service Website
- Used frontend frameworks like Bootstrap, C# and SQL Server using ASP.NET WebForms and ADO.NET
- Deployed the website through Azure

Telelet https://github.com/wncelrcn/Telelet   **February 2024**

- A Social Media Website that looks and feels like Twitter.
- Made using HTML, CSS, JavaScript, Node.js, TwitterCloneApi, and Free News Api.

EXPERIENCE

Freelance Software Developer   **December 2024 - Present**
Freelance

- Sourced and engaged clients through online platforms, primarily Facebook, to secure project commissions.
- Delivered diverse coding projects, ranging from simple assignments to comprehensive full-stack systems.
- Worked on a flexible, commission-based model, tailoring solutions to meet client requirements and deadlines.

Software Engineering Fellow   **July 2024 - September 2024**
Fellowship

- Built 5 AI-integrated web development projects, combining AI technologies with modern web frameworks.
- Participated in hackathons, collaborating with diverse teams to develop innovative solutions under tight deadlines.
- Enhanced technical proficiency in AI and web development, gaining hands-on experience in creating user-centric applications.

AFFILIATIONS

Mapúa MCL ACM Student Chapter

- Current Member of Research and Development Committee since A.Y. 2024 - 2025
- Became a Mentor in ACM's peer-mentoring sessions and workshops

Junior Philippine Computer Society - Mapúa MCL

- Second Year Representative during A.Y 2023 - 2024
- Organized the 1st AI Summit at Mapúa MCL
- Held peer-mentoring workshops for CS Students in Mapúa MCL

ACHIEVEMENTS

CodeChum National Programming Challenge Group Stage 3 5th Placer
December 2024