

VINCENT LUIS R. NUEVA ESPAÑA

DATA ANALYST

CONTACT

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PROFILE SUMMARY

Detail-oriented Computer Science student and Software Developer with a passion for medical research and data analysis. Skilled in developing web applications that enhance user experience and enable data-driven decision-making. Proficient in problem-solving and enthusiastic about leveraging technology to address real-world challenges. Currently seeking opportunities to apply my expertise in software development, data analytics, and research-driven innovation to deliver impactful solutions.

EDUCATION

2016-2018

MAPÚA MALAYAN COLLEGES LAGUNA

- Humanities and Social Sciences

2021-Present

MAPÚA MALAYAN COLLEGES LAGUNA

- Bachelor of Science in Computer Science

WORK EXPERIENCE

Rematch Lounge

2017 - 2019

Store Operations Assistant

- Maintained a well-organized and welcoming lounge environment by following 5S principles to optimize cleanliness, efficiency, and accessibility.
- Provided technical support for gaming setups, troubleshooting hardware and software issues to enhance the customer experience.
- Managed cashiering duties, processed transactions efficiently, and provided exceptional customer service, ensuring a seamless customer experience.

SKILLS

- Decision-Making
- Public Relations
- Communication
- Project Management
- Documentation Management
- Collaboration & Teamwork
- Adaptability & Continuous Learning

PROJECTS

MMCL Equipment Borrowing System

Is a university-based platform designed to streamline the process of borrowing, tracking, and managing equipment loans. It allows students and faculty to borrow and log items, ensuring accountability and efficient inventory management.

Artificial Intelligence Nutrition Assistant

A.I.N.A is a kiosk that provides an automated, user-friendly solution for measuring BMI, eliminating the need for manual input through enhancing accessibility and accuracy by leveraging computer vision and machine learning. Equipped with an AI-powered chat recommendation system, it offers personalized health insights based on BMI classifications, dietary preferences, and lifestyle factors.

LANGUAGES

- English: Fluent
- Tagalog: Native
- Japanese: Basics

INTERESTS

- Technical Writing & Research
- Digital Health & Healthcare
- Human-Computer Interaction

ACHIEVEMENTS

- Graduated as an S5 in Citizen Army Training (C.A.T.)
- Senior High School Academic Achiever with High Honors
- Former Treasurer, Junior Philippine Computer Society (JPCS)
- CompTIA IT Fundamentals (ITF+) Certified
- TOEIC-certified English proficiency

Vincent Luis R. Nueva España

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BSCS 4TH YEAR STUDENT - DATA ANALYST

Detail-oriented Computer Science student and Software Developer with a strong foundation in medical research, data analysis, and AI-driven solutions. Experienced in developing web applications, embedded systems, and health-focused technology, optimizing user experience and enabling data-driven decision-making. Proficient in Python, C#, SQL, and cloud-based technologies, with hands-on experience integrating LLMs and Raspberry Pi for innovative healthcare applications. Adept at problem-solving, technical research, and report writing, with a commitment to leveraging technology to enhance efficiency and improve real-world solutions. Currently seeking opportunities in software development, data analytics, and health informatics, where I can contribute my skills to drive impactful innovations.

KEY COMPETENCIES

Collaboration & Teamwork	Project Management	Attention to Detail
Data-driven strategic planning	Report writing and presenting	Proactive and self-motivated
Decision-Making	Excellent communication skills	Exceptional organisational skills
Problem-Solving & Analytical Thinking	Strong interpersonal skills	Time Management

PORTFOLIO

• MMCL Equipment Borrowing System

A university-based platform that streamlines the borrowing, tracking, and management of equipment loans. The system enables students and faculty to request, log, and monitor borrowed items, ensuring accountability, efficient inventory management, and proper usage tracking. It also incorporates automated penalties for damages and late returns, promoting responsible handling of university assets. Human-Computer Interaction (HCI) principles and UI/UX design played a crucial role in the development of this system, ensuring an intuitive and user-friendly experience for seamless navigation and accessibility.

• Artificial Intelligence Nutrition Assistant

Developed an AI-powered BMI assessment and health recommendation system aimed at enhancing nutritional literacy and proactive health management within academic and administrative communities. The project addresses healthcare challenges in the Philippines, by leveraging data-driven innovations like wearable technology and electronic health records. Unlike traditional BMI calculators that require manual input and lack comprehensive health metrics, this system integrates automated BMI tracking and personalized nutrition guidance via Computer Vision and Machine Learning. Implemented at Mapúa Malayan Colleges Laguna, the kiosk provides a more accessible, accurate, and holistic approach to preventive healthcare, bridging gaps in medical accessibility and wellness initiatives.

• NutriTrack: A Personalized Nutritional Tracking App

A mobile application for dietary monitoring and health management, enabling users to log food intake, track nutritional values, and manage key health parameters such as sugar and sodium levels. The app features a user-friendly interface for seamless data input and a comprehensive database containing nutritional information for a diverse range of foods. By integrating customized tracking features and health analytics, the app empowers users to maintain a healthier lifestyle through data-driven insights and proactive weight management strategies. NutriTrack serves as both a food diary and a personalized tracking tool, promoting informed decision-making regarding dietary habits.

• Job Pile: Job Portal Management System

Designed to optimize the recruitment process, this comprehensive management system seamlessly connects companies with qualified talent. The system allows applicants to upload personal information, search for jobs, and apply to positions, while employers can filter candidates, review applications, and communicate with potential hires. Key features include a searchable job database, applicant tracking system, company profile browsing, secure messaging, and an integrated help desk.

EDUCATION & CERTIFICATIONS

Bachelor of Science in Computer Science

Mapúa Malayan Colleges Laguna

Humanities and Social Sciences

Mapúa Malayan Colleges Laguna

CompTIA IT Fundamentals (ITF+)

CompTIA

TOEIC-certified English proficiency

Princeton Assessments and Training Inc.

REFERENCES

Khristian Kikuchi

College Dean at Mapúa Malayan Colleges Laguna

MJ Gnilo

College Professor at Mapúa Malayan Colleges Laguna

Jona Ebron

CS Program Chair at Mapúa Malayan Colleges Laguna