

Clarence Robert M. Montaña

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SUMMARY

A recent Latin honors graduate in Computer Science with hands-on experience in full-stack development, backend automation, data analytics and technical troubleshooting. Skilled in Python, JavaScript, SQL, and Java, with design and data insight tools like Figma and Tableau, interpreting logs and resolving system issues, with a strong foundation in cross-team collaboration and documentation. I thrive in collaborative, fast-paced environments where clean code, smart design, and data-driven decisions lead to meaningful impact. Open to roles in tech support, software engineering, data science.

EDUCATION

Lyceum of the Philippines University – Batangas

BS Computer Science Specializing in Data Science, Cum Laude

July 2025

Batangas City, Batangas

Academic Awards: Latin Honors Awardee, Academic Excellence Awardee, Leadership Awardee, Community Extension Awardee, Academic Competitions Awardee, CISCO Awardee, Dean's Lister and Rank 1 (Whole academic years), LPU-B Merit Scholar

Competitions: Champion – CODE Competition 2024 (FILKOM UB, Indonesia), 2nd Runner Up – LPU-B Hackathink (Erasmus+ Project)

Roles: LPU-B CCAS Student Council Secretary (2023), Director for Innovation – Microsoft Student Community (2023), Member – Honor's Society, iPSITE, Volunteer – LPU-B CCAS Computer Literacy Program

WORK RELATED EXPERIENCE

Baybayin Hub

UI/UX Design – Web Development Intern

Mar 2025 – May 2025

Remote

- Designed and developed a full-stack queuing system for a coffee shop business, resolving UI/UX bugs and backend logic errors in real-time using PHP and MySQL
- Collaborated with stakeholders and documented key changes to ensure client-facing consistency
- Managed multiple WordPress sites, applying support workflows to streamline updates and resolve site deployment issues

LPU Batangas

Lead Mobile Developer

Aug 2024 – Feb 2025

Batangas City, Batangas

- Built and maintained the LearnWise Android app from the ground up, featuring flashcards, Pomodoro timers, forums, and customizable profiles using Firebase.
- Developed a web-based admin dashboard (React, Chart.js) with CRUD functionality and data visualization for content and user management.
- Handled end-to-end debugging, performance optimization, and version control while coordinating with UI/UX team to ensure a smooth user experience.

LPU Batangas CCAS Student Council

Secretary

Aug 2023 – Dec 2023

Batangas City, Batangas

- Managed and organized council documents, reports, and meeting minutes with accuracy
- Coordinated logistics and communication for university-wide events, ensuring smooth student engagement
- Facilitated collaborative planning with council officers and department heads to implement campus initiatives

Yazaki Torres Manufacturing Incorporated

Data Analytics Intern

Feb 2021

Calamba, Laguna

- Triaged large datasets to surface actionable insights using Excel and Tableau, supporting business decisions
- Investigated data anomalies and applied validation techniques to maintain data integrity
- Presented findings using storytelling, enabling clear understanding across technical and non-technical teams

PROJECTS

LearnWise: Developed an Android application for learning efficiency featuring rich-text notes, Pomodoro timers, flashcards, quiz and review modes, and a discussion forum. Used Java, Android Studio, Firebase Auth & Firestore, AmbilWarna, and a medical dictionary API.

Harimuhan Coffee Shop System: Built a full-stack coffee shop site with an online menu and custom queuing system. Designed UI/UX in Figma; implemented HTML, CSS, JS, PHP, and MySQL. Led deployment and team coordination.

Customer Management System: Prototyped a reservation system using Figma and MS Excel to track customer preferences, schedule slots, and table availability.

Handwritten Digit Recognition: Created a CNN-based digit recognition model using Python and TensorFlow, trained on MNIST. Processed pre-recorded video of handwritten digits by extracting frames and predicting the final digit shown.

SKILLS

Programming: Python, Java, JavaScript, SQL, PHP, C++, HTML, CSS

Frameworks/Tools: React, Flask, Tailwind CSS, Vite, Git, Bash, Linux CLI, Figma, Wordpress

Data & Visualization: Excel (advanced), Tableau, MySQL, Firebase

Core Concepts: Cloud Infrastructure Familiarity (AWS, Oracle), PL/SQL Basics, Agile Development, Secure Coding Practices, Debugging, Documentation

CERTIFICATES & CERTIFICATIONS

IBM: Statistics for Data Science with Python, Introduction to Software Engineering, Introduction to Big Data with Spark and Hadoop

Coursera Project Network, UC Boulder, UC Davis: Python for Data Science, Fundamentals of Data Visualization, Python for Beginners, Statistics for Data Science

CISCO: Introduction to IOT, Introduction to Networks, Switching, Routing, and Wireless Essentials, Partner: NDG Linux Unhatched, CyberOps Associate

Microsoft, Meta, DataCamp: Microsoft Office Specialist: Excel Associate, Programming Javascript, Data Literacy, AI Fundamentals