

Cristina Mae B. Lucido

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EDUCATION

City College of Calamba

Bachelor of Science in Computer Science

Calamba, Philippines

Aug 2021 – June 2025

- **Relevant Coursework:** UI/UX Design, Front End Development, Web Application Development, Application Development, Database Systems.
- **Departmental Recognition:** Best Thesis Award Rank 1
- **Certificate of Abstract Publication:** Research abstract published in the City College of Calamba Books of Abstracts.

EXPERIENCE

Medical Virtual Assistant (Data Entry) | EHR/EMR, Data Management, Administrative Support

Diaz Healthcare Services

Nov 2025 – 2026

Valley Village, CA, USA

- Accurately entered and maintained patient, insurance, and healthcare-related records within company systems and databases.
- Performed data validation and quality assurance checks to ensure completeness, consistency, and accuracy of medical information.
- Managed large volumes of sensitive data while adhering to confidentiality and data privacy requirements.
- Maintained detailed digital records and supported efficient workflow processes across healthcare operations.
- Utilized spreadsheets, web-based platforms, and data management tools to improve productivity and data accuracy.

Web Development & UI/UX Design Intern | Figma, ReactJS, TailwindCSS, Typescript

Veda Technologies, Inc.

July 2025 – Oct 2025

La Union, Philippines

- Designed and delivered **4 web application mockups** using modern UI/UX principles, contributing directly to product planning and user experience improvements.
- Developed frontend features for **2 web applications** using **ReactJS, TypeScript, and Tailwind CSS**, translating design concepts into responsive and functional user interfaces.
- Collaborated with the development team to implement reusable UI components and maintain design consistency across applications.
- Contributed to the successful launch of **1 production application**, while supporting ongoing development efforts for another project.
- Applied user-centered design practices to improve usability, accessibility, and visual consistency across web interfaces.
- Leveraged **NixOS** and **Doom Emacs** to maintain a consistent and efficient development environment.

Data Entry Specialist Intern | Corvu, Netterm, Spread Sheet

EssilorLuxottica | Optodev, Inc.

Dec 2024 -- May 2025

Biñan, Philippines

- Accurately encoded and organized large volumes of supply chain data into the company's database.
- Learned how to use internal systems and third-party tools such as Corvu and Netterm for data access and reporting.
- Assisted with the installation and basic troubleshooting of label and document printers used in production.
- Supported the supply chain team by maintaining consistent and accurate data records across departments.

PROJECTS

iMedic: Mobile Application for Medicine Dispenser | Java, C++, ESP32, Python, XML, WebSockets, Firebase

Sept 2024 -- Nov 2025

- Developed a mobile application that enables guardians to remotely manage medication schedules and monitor patient adherence in real time.
- Engineered WiFi communication between an Android application and an ESP32 microcontroller, allowing automated medicine dispensing and alarm management.
- Implemented firmware logic in C++ to control dispensing operations, schedule medication reminders, and transmit status updates to connected devices.
- Designed a notification system that informs guardians whether scheduled medication was successfully taken, improving visibility into patient compliance.
- Developed a Python-based decision tree algorithm that tracks missed doses and dynamically increases reminder frequency to improve medication adherence.

Online Grading System | PHP, JavaScript, MySQL, TailwindCSS, HTML, CSS

Aug 2023 -- March 2024

- Designed and developed a web-based grading system to streamline grade management, calculation, and reporting processes for educators.
- Implemented CRUD functionality using Object-Oriented PHP and MySQL for efficient student, subject, and grade record management.
- Developed responsive user interfaces using HTML, CSS, Tailwind CSS, and JavaScript to improve usability across devices.
- Automated grade computation and report generation workflows, reducing manual processing time and minimizing calculation errors.

TECHNICAL SKILLS

Languages & Databases: Java, PHP, JavaScript, TypeScript, MySQL, NoSQL, HTML, CSS

Frameworks & Libraries: ReactJS, Tailwind CSS

Design & Prototyping: Figma, Wireframing, Prototyping, UI/UX Design

Tools & Platforms: Git, GitHub, XAMPP, NixOS, Doom Emacs, VS Code

Core Skills: UI/UX Design, Responsive Web Design, Component-Based Development, Database Design, Application Development