

Cristina Mae B. Lucido

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EDUCATION

City College of Calamba

Bachelor of Science in Computer Science

Aug 2021 - Jun 2025

Calamba, Philippines

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

EXPERIENCE

Diaz Healthcare Solutions | *Medical Virtual Assistant (Data Entry Specialist & Medical Billing)*

Nov 2025 - Present

EHR/EMR, Medical Billing, Insurance Verification, Data Management

Los Angeles, CA, USA

- **Verified patient insurance eligibility and benefits** to ensure coverage information was accurate and up to date.
- **Processed patient medical billing through Lytec** and prepared billing information for insurance claims.
- 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 patient and billing data while adhering to confidentiality and data privacy requirements.
- Maintained detailed digital records and supported efficient administrative and healthcare workflow processes.
- Utilized EHR/EMR systems, spreadsheets, web-based platforms, and data management tools to improve productivity and data accuracy.

Veda Technologies, Inc. | *Web Development & UI/UX Design Intern*

Jul 2025 - Oct 2025

Figma, ReactJS, TailwindCSS, Typescript

La Union, Philippines

- Designed and delivered **4 mockups websites** using Figma and UI/UX principles, applying interface design, typography, layout design, and interaction design to support product planning and user experience improvements.
- Developed frontend features for **2 mockups website designs** using **ReactJS, TypeScript, and Tailwind CSS**, translating design concepts into responsive and functional web interfaces.
- Collaborated with the development team to implement reusable UI components and support design systems that maintained 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.

EssilorLuxottica | Optodev, Inc. | *Data Entry Specialist Intern – Supply Chain Department*

Dec 2024 - May 2025

Corvu, Netterm, Spread Sheet

Biñan, Philippines

- Accurately encoded and organized large volumes of supply chain data into the company's database.
- Processed and maintained **PEZA-related documents** and encoded relevant information for proper documentation and record-keeping.
- Utilized internal systems and third-party tools such as **Corvu and Netterm** for data access, document processing, and reporting.
- Reviewed supply chain documents and entered relevant information into company systems, ensuring records were complete and accurate.
- Assisted with the installation and basic troubleshooting of label and document printers used in production.
- Supported the Supply Chain Department with daily documentation and data entry tasks, maintaining accurate and organized records.

PROJECTS

iMedic: Mobile Application for Medicine Dispenser using Decision Tree Algorithm

Sep 2024 - Nov 2025

Java, C++, ESP32, Python, XML, WebSockets, Firebase

- 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

Aug 2023 - Mar 2024

PHP, JavaScript, MySQL, TailwindCSS, HTML, CSS

- Designed and developed a web-based grading interface that streamlined grade management, calculation, and reporting for educators.
- Implemented CRUD functionality using Object-Oriented PHP and MySQL for efficient student, subject, and grade record management.
- Developed responsive layouts and user interfaces with 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, HTML, CSS, MySQL, NoSQL

Frameworks & Libraries: ReactJS, Tailwind CSS

Design: Figma, UI/UX Design, Interface Design, Layout Design, Interaction Design, Design Systems

Tools & Platforms: Git, XAMPP, VS Code, Google Sheets, Microsoft Excel, Corvu, Netterm, Lytec

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