Daniella Franxene P. Limbag

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Education

De La Salle University, BS in Computer Science major in Software Technology   Sept 2022 – Oct 2026
- Research Executive at Data Science Society and Documentations member at SDFO Paragons
- **Coursework:** Software Engineering, Database Systems, Web Development, Mobile Development, HCI

Projects

Restaurant Review Platform   GitHub
- Designed and developed a full-stack web application enabling users to perform seamless CRUD operations for restaurant ratings and reviews
- Implemented responsive front-end components using Next.js and styled with Tailwind CSS.
- Integrated MongoDB for data storage and retrieval of user-generated content and reviews.
- Tools Used: Next.js, Tailwind CSS, MongoDB

Grade Calculator   GitHub
- Built grade calculator web app that allows users to input course components and compute final grades.
- Designed an intuitive and responsive user interface using ReactJS and styled with ChakraUI.
- Tools Used: ReactJS, Chakra UI

Pokemon Team Builder App   GitHub
- Designed and developed a mobile application that allows users to create, manage, and save custom Pokemon.
- Implemented data storage and retrieval functionality using SQLite for persistent team data.
- Tools Used: Java, SQLite, Android Studio

MARS Group of Salons Company Website
- Revamped website for DOT ZERO Hair Salon and the MARS Group of Salons.
- Developed high-fidelity prototype website design
- Implemented frontend using JavaScript and Handlebars.js to enhance user interactivity and dynamic content rendering
- Tools Used: Figma, Handlebars.js, CSS, MongoDB

Personal Portfolio   Website
- Designed and developed a personal portfolio website to showcase personal projects and technical skills.
- Implemented a clean, responsive layout to ensure usability across devices.
- Tools Used: JavaScript, React, Tailwind CSS

Publications

EloMetrics: Advanced Outcome Prediction for Chess Matches with Elo Ratings and Logistic Regression   Jan 2025

Ma. Julianna Reyes, Eirnan Dicreto, Emmanuel Santos, *Daniella Limbag*, Gabriel Avelino
10.1109/ICEIC64972.2025.10879733

Skills

Languages: Python, Java, C, Kotlin, SQL, JavaScript, TypeScript, HTML, CSS

Frameworks & Tools: ReactJS, Next.js, TailwindCSS, Android Studio, Jupyter Notebook, Git, Figma

Cloud & Databases: AWS, MongoDB, SQLite