

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

- **Coursework:** Software Engineering, Database Systems, Machine Learning, Mobile Development, HCI

Experience

Data Science Society, Research Executive Oct 2024 – May 2025

- Contributed to the formulation and coordination of data-driven projects.

SDFO Paragons, Documentations Member Feb 2024 – Present

- Managed documentation for student organization events and assisted in the creation of post-activity reports.

Projects

DORY: Swimming Analytics System GitHub

- Led a team of four to build a WearOS app in Kotlin, conducting usability testing with coaches and athletes.
- Implemented signal processing algorithms to extract swimming performance metrics from sensor data.
- **Tools:** Kotlin, Android Studio, WearOS

Personal Portfolio Website

- Designed and developed a personal portfolio website to showcase personal projects and technical skills.
- Tools Used: React, Tailwind CSS

Restaurant Review Platform GitHub

- Built a full-stack restaurant review platform using Next.js and MongoDB.
- 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.
- Tools Used: ReactJS, Chakra UI

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

Certifications

AWS Academy Graduate - Cloud Foundations - Training Badge Nov 2025

AWS Cloud Quest: Cloud Practitioner - Training Badge Nov 2025

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, PostgreSQL, MongoDB, SQLite

Soft Skills: Leadership, Team Collaboration, Critical Thinking, Adaptability