

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, <i>Daniella Limbag</i> , 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