

John Lester Escarlan

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🔗 <https://john-lester-escarlan-portfolio.vercel.app/>

ABOUT ME

I am a Mathematics Major at the University of the Philippines with a strong passion for building web applications. I have developed projects including a product website, an interactive memory game, and a digital book library. By leveraging technologies such as React, Vite, Tailwind CSS, HTML, and JavaScript, along with Python, C, and C++, I create user-friendly solutions. My academic background in data structures, computation theory, and databases supports my technical expertise and problem-solving abilities.

TECHNICAL SKILLS

- **Programming Languages:** Demonstrated proficiency in Python, C, C++, JavaScript, and TypeScript through multiple academic and personal projects.
- **Database Management:** Utilized MySQL and PostgreSQL to design and manage relational databases for project implementations.
- **Frameworks & Tools:** Engineered web applications using React, Vite, and Tailwind CSS to deliver responsive designs and seamless user experiences.
- **Core Concepts:** Mastered data structures, algorithms, object-oriented programming, and web development fundamentals through course and practical applications.

PROJECTS

Nutcha Bites

2025

Overview: Engineered a product website that replicates the experience of a genuine shopping application.

- **Developed** a responsive website using React, Vite, Tailwind CSS, and TypeScript.
- **Implemented** end-to-end product display and navigation to complement a business proposal.
- **Showcased** the live project at: nutcha-bites.vercel.app

Memory Game

2024

Overview: Created an interactive memory game that challenges users by shuffling cards randomly.

- **Developed** game logic and user interface components using React and Vite.
- **Implemented** dynamic card shuffling and responsive design to enhance user engagement.
- **Showcased** the live project at: pokemon-memory-game-olive.vercel.app

Book Library

2024

Overview: Built a digital book library to manage and display a collection of books locally.

- **Developed** a user-friendly interface using HTML, CSS, and JavaScript.
- **Implemented** functionalities to add, view, delete, and update for books efficiently.
- **Showcased** the live project at: jlescarn11.github.io/book-library

EDUCATION

Bachelor of Science in Mathematics

2022 – Present

University of the Philippines

- **Completed** related course in Data Structures, Computation Theory, and File Processing and Database Systems.

CERTIFICATIONS & AWARDS

- **Earned** Graduation with Honors (2020)
- **Awarded** Best in Mathematics, and Statistics and Probability (2021)
- **Awarded** College Scholar (2022–2023)
- **Awarded** University Scholar (2023)
- **Recognized** as DOST JLSS Scholar (2024)