

# DESIREE JOICE BOO

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GitHub: <https://github.com/d Desiree>



Fourth-year Computer Science student majoring in Data Science with hands-on experience in data analytics, machine learning, and data-driven problem solving. Proficient in Python, R, and data visualization tools such as R Shiny. Strong interest in designing functional, user-centered web applications and dashboards. Combines analytical thinking with UI/UX and system design principles. Highly adaptable and eager to apply technical and analytical skills in real-world projects.

## EXPERIENCE

**JUNE 2025 – JULY 2025**

**UX DESIGNER AND SYSTEM ANALYST INTERN, UNIVERSITY OF SOUTHEASTERN PHILIPPINES – COLLEGE OF BUSINESS ADMINISTRATION**

- Designed the layout structure and Interaction logic of a web-based Housekeeping System simulating real-life room management, including room tracking, cleaning schedules, item monitoring, and room status updates using Figma.
- Conducted comprehensive data flow analysis of the system to ensure efficiency and accuracy.
- Collaborated with IT interns on system design, development, and analysis tasks.

**SEPTEMBER 2024 – DECEMBER 2024**

**DATA ANALYST AND UI/UX DESIGNER, INFLATION AND RICE PRICE WATCH**

- Developed an interactive dashboard for Inflation and Rice Price Watch using R programming and R Shiny.
- Simplified complex datasets into actionable insights for decision-making purposes using data visualization tools, leading to informed decisions about rice commodity inflation in the Philippines.

**SEPTEMBER 2024 – DECEMBER 2024**

**UI/UX DESIGNER AND FRONTEND DEVELOPER, VIRAL SKIN INFECTION IDENTIFIER**

- Designed the user interface and developed the front end of a web-based skin disease classification system using HTML, CSS, and JavaScript.
- Integrated a Convolutional Neural Network-based deep learning model to enable image-based skin disease classification and display prediction results.

**SEPTEMBER 2023 – DECEMBER 2023**

**UI/UX DESIGNER, DAVAO JEEPNEY FARE GUIDE**

- Designed the user interface of Davao Jeepney Fare Guide, a mobile app offering route navigation and fare information for commuters in Davao City using Canva and Figma.

**NOVEMBER 2021 – SEPTEMBER 2023**  
**CONTENT DESIGNER, KAREN SMITH**

- Utilized design tools like Canva to create visually appealing designs for blogs.

## EDUCATION

**2022 – EXPECTED 2026**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE, UNIVERSITY OF SOUTHEASTERN PHILIPPINES**

Dean's Lister

**2016 - 2022**

**DAVAO CITY NATIONAL HIGH SCHOOL**

Consistent with Honor's student

## SKILLS

- Programming Languages: Java, Python, R programming
- Web Development: HTML, CSS, PHP
- Tools & Technologies: Visual Studio Code, Figma, Canva
- Machine Learning
- Data Analysis
- Data Science
- UX Designer
- Soft Skills: Effective Communication, Collaborative Teamwork, Organization Skills, Adaptability, Technical Documentation

## ACHIEVEMENTS / CERTIFICATIONS

- Educational Tour (Industry Exposure) | 4<sup>th</sup> year
- Completed On-the-Job Training (OJT) | 4<sup>th</sup> year off semester
- Academic Organization Officer - Secretary | 3rd year
- Academic Organization Officer - Assistant Secretary | 2nd year
- Dean's Lister