Denzel Anjelo D. Concepcion

Pasig, Metro Manila • linkedin.com/in/denzel-concepcion17 • denzelconcepcion8@gmail.com • +63 976 079 1109

Education

Technological Institute of the Philippines   Quezon City
BS in Computer Science, Specialization in Data Science, GPA: 1.62   June 2021 - May 2025
Relevant Coursework: Software Engineering, Data Structures & Algorithms, Data Science
Awards and Honors: President's Lister (2022-2023), Dean's Lister (Multiple Semesters, 2022–2025)

Technical Skills

Programming: C++, Python, Java, HTML & CSS, JavaScript, PHP, C#
Frameworks/Tools: Flask, React.js, Bootstrap, Git & GitHub, Visual Studio Code
Databases: MySQL, SQL
Design: Figma, Canva
Others: Microsoft Excel

Projects

Facial Skin Recommendation System | Python, Flask, Javascript
- Developed a web application for real-time facial skin analysis using webcam input and machine learning models.
- Trained an EfficientNetB2 model on 10,000 images to predict facial skin type with high accuracy.
- Achieved 87% accuracy and integrated a content-based recommendation for personalized skincare products.

Inventory & Sales Management System | Java, MySQL
- Built a Java-based inventory and sales management system for printing supplies with real-time stock monitoring.
- Implemented automated low-stock alerts and a Naive Bayes algorithm for sales forecasting.
- Streamlined inventory tracking by reducing manual processes through database-driven automation.

Movie Sentiment & Topic Analysis | Python
- Preprocessed and cleaned text datasets using Regular Expressions for consistent formatting.
- Performed sentiment analysis using NLTK and applied LDA for topic modeling to extract key themes.
- Visualized thematic relationships between movies using NetworkX for improved content insights.

Relevant Experience

Software Quality Assurance Intern   Pasig City
Tangent Solutions Inc.   February - April 2025
- Performed functional and regression testing on the company's POS application and web application to ensure stability and usability.
- Developed and executed basic automation scripts to reduce repetitive manual test cases using Python and Excel.
- Utilized Serial Port Utility for device communication and data validation during hardware integration testing.
- Collaborated with QA and development teams to log, track, and resolve bugs, ensuring compliance with SDLC and Agile methodologies.

Certifications

- GitHub Foundations – DataCamp   July 2025
- Introduction to Python -DataCamp   July 2025