



CLARENCE SIOSON

COMPUTER ENGINEERING STUDENT

ABOUT MYSELF

I am a passionate and driven Computer Engineering student with a strong foundation in programming, embedded systems, and web development. I enjoy solving complex problems through innovative solutions and have hands-on experience with Arduino, Python, and full-stack development (HTML/CSS/JS). My curiosity for technology extends to mobile app development using Flutter, and I thrive in collaborative environments where I can apply my skills to real-world challenges. Eager to learn and grow, I aim to contribute to impactful projects while expanding my expertise in software and hardware integration.

PROJECTS

SkinCheck: Skin Disease Detector

Developed a web-based skin disease detection system using YOLOv8 for object detection and Flask for backend API integration. The application allows users to upload images or use their camera to analyze skin conditions, displaying results with confidence scores. Built the frontend with HTML, CSS, Bootstrap, and JavaScript for a responsive and user-friendly interface. The model was trained on a custom dataset to classify common skin diseases, providing quick and accessible preliminary diagnostics.

Image Classifier Mobile App

Created a cross-platform mobile app with Flutter that leverages a pre-trained TensorFlow Lite model to classify images (e.g., animals, objects) offline. Designed an intuitive UI with dynamic results display and camera integration. Optimized model performance for mobile devices, reducing inference time by 30% through quantization. Highlights expertise in mobile development and embedded ML.

EDUCATION

College

2023–2025

Bachelor of Science in Computer Engineering

University of Perpetual Help System DALTA – Calamba

2021–2023

Bachelor of Science in Computer Engineering

STI COLLEGE CALAMBA – Calamba

MY CONTACT

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Address

Skills

- Arduino (C/C++)
- HTML
- CSS
- JS
- Bootstrap
- Python
- Flask
- Flutter

REFERENCES