



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 technical expertise includes data analysis and visualization using pandas for processing and interpreting complex datasets. 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.

COVID-19 Southeast Asia Analytics Dashboard

Conducted comprehensive analysis of COVID-19 pandemic trends across Southeast Asian nations using WHO dataset. Developed Python-based analytical framework to process and visualize infection patterns, case fatality rates, and regional outbreak comparisons. Created time-series analyses and statistical models to identify pandemic waves and country-specific responses, providing data-driven insights into public health impacts across the region.

EDUCATION

College

2023–2026

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

Phone

Email

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Address

Skills

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

REFERENCES