

JONARD CYRUS S. FRANCISCO

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EDUCATION

Mapúa Malayan Colleges Laguna

August 2020 - Expected October 2025

- Bachelor of Science in Computer Science
- Relevant Courses: Data Structures and Algorithms, Software Engineering, Web Development, Automata and Language Theory, Machine Learning, Data Analytics, Information Assurance and Security

TECHNICAL SKILLS

Languages: Python, C#

Database: MS SQL, MySQL

Web Development: HTML, CSS

Tools: Github, VS Code, Unity, Postman, Power BI,

Framworks: Flask, ASP.NET, Bootstrap, Xamarin

Excel

CERTIFICATIONS

- **Employability Skills - Job Ready** | Wadhwani Foundation **May - July 2025**
- **7QC Tools Training** | STMicroelectronics Inc. Calamba **April 2025**
- **Power BI Training** | STMicroelectronics Inc. Calamba **April 2025**
- **Artificiaial Intelligence Essentials V2** | Coursera **March 2025**
- **CompTIA IT Fundamentals (ITF+) Certification** | CompTIA **July 2024**
- **TOEIC Listening & Writing (820/900), Speaking & Writing (310/400)** | TOEIC **January 2025**
- **AWS Academy Graduate - AWS Academy Cloud Foundations** | AWS Web Services (AWS) **November 2023**
- **Google Cloud Essentials** | Google Cloud Skills Boost **September - October 2023**

PROFESSIONAL EXPERIENCE

Process Engineer at STMicroelectronics Inc. Calamba

April 2025 - July 2025

- Developed data visualization tools (Excel/Power BI) to automate defect tracking and yield analysis.
- Migrated manual reports to interactive dashboards, reducing processing time
- Applied data analytics to identify defect patterns, improving production efficiency

PROJECTS

Personal Portfolio - <https://jonard-francisco.vercel.app/index.html>

July 2025

- Built with HTML/CSS, hosted on Vercel for easy deployment
- Showcases skills, certifications, and projects in an interactive format.

AINA: A Personalized Health Recommendation System

October 2024 - July 2025

- Deep learning system for hiehght and weight estimation through image processing with personalized health recommendations using LLMs.
- Python Flask for web development, OpenCV and TensorFlow for image processing, Gemini API for LLM, amd Azure for database.

NutriTrack Mobile App

December 2023 - July 2024

- Comprehensive mobile application for tracking dietary intake, nutritional content, and health parameters like sugar and sodium levels.
- Xamarin for mobile development, and Azure for database

Jumping Jack

March 2024

- 2D platformer game challenging players to reach the top of a tower with leaderboard functionality for fastest completion times.
- Unity for game development, and SQLite for database.

Coin Detection in Education

November 2023

- Educational tool using computer vision to detect coins, promoting financial literacy through technological learning.
- Python for development, and OpenCV for recognition, Computer Vision

ACHIEVEMENTS

Awards

- Dean's Lister (1st Term A.Y. 2022-2023)