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#

Web Development: HTML, CSS

Framworks: Flask, ASP.NET, Bootstrap, Xamarin

Database: MS SQL, MySQL

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

CERTIFICATIONS

- **Employability Skills - Job Ready** | Wadhwani Foundation   **May - July 2025**
- **Artificaial 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 - Present**
- 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 - Present**
- Deep learning system for hiehgt 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)