

Jonard Cyrus S. Francisco

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🐙 github.com/Jonard14

📍 Calamba City, Laguna, Philippines

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PERSONAL BACKGROUND

Computer Science Graduate with expertise in Python, and full-stack development (HTML/CSS, Flask, ASP.NET). Developed deployed solutions including health tech platforms and tools, certified in cloud technologies (AWS, Google Cloud). Seeking roles to apply technical skills in software development or data-driven projects.

WORK EXPERIENCE

Process Engineer - Internship

STMicroelectronics, Inc. Calamba

April 2025 – July 2025

EDUCATION

Mapúa Malayan Colleges Laguna

Bachelor of Science in Computer Science

August 2020 – October 2025

Colegio de San Juan de Letran - Calamba

Junior High School and Senior High School (STEM Strand)

2014 – 2018 & 2018 - 2020

ACHIEVEMENTS

- Dean's Listers
 - 1st Term A.Y. 2022 – 2023
 - 1st Term A.Y. 2024 – 2025
- Best in Math
 - S.Y. 2014 - 2018
- Best in Conduct
 - S.Y. 2017 - 2018
- Participant of Metrobank Teachers Association of the Philippines (MTAP) DepEd Mathematics Challenge
 - S.Y. 2016 - 2017

SKILLS

- Python
- C#
- Mobile Dev (Xamarin)
- Web Dev (HTML, ASP, Flask)
- Game Dev (Unity)
- Assembly
- Tools: Github, VS Code, Postman, Power BI, Excel

CERTIFICATIONS

- **MAPÚA MCL English Language Test** | Mapúa Malayan Colleges Laguna
 - Issued December 2025
- **"Basic Occupational Safety and Health (BOSH) For SO1"** | Luntiang Dahon Consultancy & Engineering Services (LDCES) -

DOLE Accreditation No. 1030-100325-0190

Issued December 2025

- **Introduction to Artificial Intelligence** | Coursera
 - Issued October 2025
- **Employability Skills – Job Ready** | Wadhvani Foundation
 - Issued May - July 2025
- **TOEIC Listening & Reding - Score: 820/990** | TOEIC
 - Listening: 440/495 | Reading: 380/495
 - Issued January 2025
- **TOEIC Speaking & Writing - Score: 310/400** | TOEIC
 - Speaking: 140/200 | Writing: 170/200
 - Issued January 2025
- **CompTIA IT Fundamentals (ITF+) Certification** | CompTIA
 - Issued July 26, 2024
- **Data Analyst in Python** | DataCamp
 - June 2024
- **AWS Academy Graduate - AWS Academy Cloud Foundations** | Amazon Web Services (AWS)
 - Issued November 2023
- **Google Cloud Skills Boost Certifications:**
 - Prepare Data for ML APIs,**
 - Baseline: Data, ML, AI,**
 - Set Up an App Dev Environment,**
 - Baseline: Infrastructure,**
 - Build a Secure Google Cloud Network,**
 - Automate Deployment and Manage Traffic,**
 - Implement Load Balancing,**
 - Google Cloud Essentials**
 - Google Cloud Skills Boost
 - Issued September 2023 – October 2023
- **CodeChum Python Course** | CodeChum
 - Issued February 2022
- **Programming for Everybody (Getting Started with Python)** | University of Michigan – Coursera
 - Issued August 2020

PROJECTS

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

July 2025

- Designed and developed a responsive portfolio website using HTML and CSS to showcase projects and skills.
- Deployed and hosted on **Vercel** for fast, global accessibility.

Leveraging Deep Learning-Based Neural Network and LLMs for Enhanced BMI Measurement and Health Recommendations (AINA: A Personalized Health Recommendation System)

October 2024 - July 2025

- Developed and implemented a system using deep learning and LLM techniques. The features are height and weight estimation using image processing and deep learning, personalized health recommendation generated by LLM to consider its factors like BMI, preferences, and dietary restrictions, and lastly, improved accessibility of BMI assessment and nutritional guidance.

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- *Contributors: Jonard Cyrus Francisco, Vincent Luis Nueva España, Leonard Reshley Tiangsing, Gerico Tolayba, Gabriel Edward Owel Villamor*

NutriTrack: A Personalized Nutritional Tracking App

December 2023 - July 2024

- Developed a mobile application to monitor dietary intake and nutritional content. The features implemented are user-friendly interface for effortless data input, a database storing nutritional information, a food dairy to log consumed foods, and tracking crucial health parameters such as sugar and sodium.
- *Contributors: Jonard Cyrus Francisco, Vincent Luis Nueva España, Leonard Reshley Tiangsing, Gerico Tolayba, Emman Torrecampo, Gabriel Edward Owel Villamor*

Jumping Jack

March 2024

- Developed a single-player 2D platformer game for game development course. The game challenges players to reach the top of the tower as quickly as possible with a database implemented to record and display the top 10 fastest completion times.
- *Contributors: Jonard Cyrus Francisco, Marvin Christianelle Nievera, Leonard Reshley Tiangsing, Gerico Tolayba, Gabriel Edward Owel Villamor*

Coin Detection in Education: Fostering Financial Literacy through Technological Learning

November 2023

- Developed a coin detection through image processing techniques using OpenCV and CVZone libraries to cultivate financial literacy in an education context.
- *Contributors: Jonard Cyrus Francisco, Marvin Christianelle Nievera, Leonard Reshley Tiangsing, Gerico Tolayba, Gabriel Edward Owel Villamor*

Pinoy Feast

June 2023

- Developed a mobile application with Xamarin for "Pinoy Feast" which showcase of various Filipino food from different provinces and their history. The app displays random food upon opening and allows users to browse a list of foods and view its content, and the ability to manually show or hide content via database updates.
- *Contributors: Jonard Cyrus Francisco, Zoe Aleczandra Pineda, Leonard Reshley Tiangsing, Gerico Tolayba*

Movie Booking

June 2023

- Developed a website for movie booking which allows users to reserve seats, and buy food and drinks. This system includes both administrators to manage movie information and sales reports, and customers to manage reservations and transactions.
- *Contributors: Jonard Cyrus Francisco, Chanelle Melegrito, Zoe Aleczandra Pineda, Gerico Tolayba*

Money Tracking

November 2022

- Developed a Python application for money tracking which utilizes data structures and algorithms. The application allows users to add, pay, and display bills (important, miscellaneous, and debt/owed), manage data input, and perform calculations on debt.
- *Contributors: Harvey Caballa, Jonard Cyrus Francisco, Diggo Garcia, Marvin Christianelle Nievera*

AFFILIATIONS

- Junior Philippine Computer Society (JPCS) – MMCL Member
A.Y. 2023 – 2025

SEMINARS/WORKSHOPS

- **"Applied Data Science: From Raw Data to Real Insights" Workshops:**
Data Foundation & Pipeline Building, Exploratory Analysis & Visualization, Predictive Modeling & Machine Learning, Model Evaluation & Business Impact
| SET Certification
July 5, 12, 19, & 26, 2025
- **"Building AI Agents with the Azure AI Agent Service"**, Microsoft Philippines
June 30, 2025
- **"Artisan on Port 8000: Laravel Unlocked"**, Mapúa Malayan Colleges Laguna
June 21, 2025
- **"Modern Technologies: Shaping the Future of Software Development and IT Operations"**, Mapúa Malayan Colleges Laguna
June 14, 2025
- **"Career Readiness Toolkit"** Mapúa Malayan Colleges Laguna
April 29, 2025
- **7QC Tools Training** | STMicroelectronics Inc. Calamba
April 25, 2025
- **Power BI Training** | STMicroelectronics Inc. Calamba
April 23-25, 2025
- **"Women in Computing: Breaking Barriers & Driving Innovation"**
Mapúa Malayan Colleges Laguna
March 14, 2025
- **"Introduction to the Data Center Industry"**, Mapúa Malayan Colleges Laguna/Digital Halo Data Center
August 27, 2024
- **"CALABARZON: Cyber Caravan"**, Mapúa Malayan Colleges Laguna/Mapúa MCL InfoTech Society
June 20, 2024
- **"AI Summit: Unlocking the Future: Exploring different opportunities for Computer Science in Artificial Intelligence"**, Mapúa Malayan Colleges Laguna/JPCS Mapúa MCL Chapter
June 6, 2024
- **"Why a Blockchain Career is in-demand & how we can help you start one"**, Mapúa Malayan Colleges Laguna/Metacrafters x iPeople
February 14, 2023