# Jonard Cyrus S. Francisco

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📱 0917-864-7657

⭘ github.com/Jonard14

## Developer

📍 Calamba City, Laguna, Philippines

in linkedin.com/in/jonard-cyrus-francisco/

## PERSONAL BACKGROUND

Computer Science undergraduate skilled in Python, HTML, data structures and algorithms. Seeking an internship to enhance my skills in Python, web development, and other fields of computer science.

## WORK EXPERIENCE

### Process Engineer

STMicroelectronics, Inc. Calamba

*April 2025 - Present*

## EDUCATION

### Mapúa Malayan Colleges Laguna

Bachelor of Science in Computer Science

*2020 – 2025*

### Colegio de San Juan de Letran - Calamba

Senior High School – STEM Strand

*2018 - 2020*

### Colegio de San Juan de Letran - Calamba

Junior High School and Senior High School

*2014 – 2018*

## ACHIEVEMENTS

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

## SKILLS

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

## CERTIFICATIONS

o **Employability Skills – Job Ready** | Wadhwani Foundation
  Issued May - July 2025
o **Artificial Intelligence Essentials V2** | Coursera
  Issued March 2025
o **CompTIA IT Fundamentals (ITF+) Certification** | CompTIA
  Issued July 26, 2024
o **TOEIC Listening & Reding - Score: 820/990** | TOEIC
  Listening: 440/495 | Reading: 380/495
  Issued January 2025
o **TOEIC Speaking & Writing - Score: 310/400** | TOEIC
  Speaking: 140/200 | Writing: 170/200
  Issued January 2025
o **AWS Academy Graduate - AWS Academy Cloud Foundations** | Amazon Web Services (AWS)
  Issued November 2023
o **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

## PROJECTS

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

*July 2025*

o Designed and developed a responsive portfolio website using HTML and CSS to showcase projects and skills.
o 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*

o 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.
o *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*

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

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### Jumping Jack

*March 2024*

o 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.

o 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*

o Developed a coin detection through image processing techniques using OpenCV and CVZone libraries to cultivate financial literacy in an education context.

o *Contributors: Jonard Cyrus Francisco, Marvin Christianelle Nievera, Leonard Reshley Tiangsing, Gerico Tolayba, Gabriel Edward Owel Villamor*

### Pinoy Feast

*June 2023*

o 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.

o *Contributors: Jonard Cyrus Francisco, Zoe Aleczandra Pineda, Leonard Reshley Tiangsing, Gerico Tolayba*

### Movie Booking

*June 2023*

o Developed a website for movie booking which allows users to reserve seats, buy food and drinks, and pre-order. This system includes both administrators to manage movie information and sales reports, and customers to manage reservations and transactions.

o *Contributors: Jonard Cyrus Francisco, Chanelle Melegrito, Zoe Aleczandra Pineda, Gerico Tolayba*

### Money Tracking

*November 2022*

o 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.

o *Contributors: Harvey Caballa, Jonard Cyrus Francisco, Diggo Garcia, Marvin Christianelle Nievera*

## AFFLIATIONS

o Junior Philippine Computer Society (JPCS) – MMCL
Member
A.Y. 2023 – Present

o Engineering Organization
Member
S.Y. 2018 - 2020

o Red Cross Organization
Member
S.Y. 2018 - 2020

## SEMINARS/WORKSHOPS

o **"Artisan on Port 8000: Laravel Unlocked"**, Mapúa Malayan Colleges Laguna
June 21, 2025

o **"Modern Technologies: Shaping the Future of Software Development and IT Operations",** Mapúa Malayan Colleges Laguna
June 14, 2025

o **"Women in Computing: Breaking Barriers & Driving Innovation"** Mapúa Malayan Colleges Laguna
March 14, 2025

o **"Introduction to the Data Center Industry"**, Mapúa Malayan Colleges Laguna/Digital Halo Data Center
August 27, 2024

o **"Why a Blockchain Career is in-demand & how we can help you start one"**, Mapúa Malayan Colleges Laguna/Metacrafters x iPeople
February 14, 2023

o **TEAM AGUHON 2011: Success Charting Action Plan (Student Training)**, Colegio de San Juan de Letran – Calamba
January 20, 2020