

# Julio Bellano Laksana 鍾國榮

MLE Intern 

Taiwan | [juliobellanolaksana@gmail.com](mailto:juliobellanolaksana@gmail.com) | LinkedIn: [Julio Bellano Laksana](#) | Github: [github.com/juliobellano](https://github.com/juliobellano) | (+886) 970593892

I am a Computer Science student with a hands on experience labeling, cleaning, and training a custom dataset for a Pytorch computer vision model on my own restaurant. I am deeply interested in MLAD Intern at PicCollage especially on the **Applied ML Team**, particularly in **Building creative products and contributing fresh ideas**. I've developed skills in data manipulation, deploying my model, and training optimization that achieved 95% mAP for object detection. I am a curious and ambitious person who loves making things to solve problems. I love challenges (marathon finisher 🏃), food, and working with other people.

## EDUCATION

**Tamkang University, Taiwan**

**GPA 3.91/4.0**

Bachelor of Computer Science and Information Engineering | **Rank 6/75**

Relevant Courses: AI & Programming, Advanced Programming, Intro to Computer, Computer Organization

Awards: TKU Outstanding Student Scholarship awardee, TKU Entrance Scholarship awardee

## Engineering & Technical Projects

**Warung Bang Jul** | Business Owner, Full-stack Engineer | [Link](#)

March 2025

Python/FastAPI backend with TypeScript frontend that digitizes order processing, inventory management, and business analytics. It uses YOLOv11 model to automatically identify and count ingredient even when stacked or partially cropped, eliminating manual calculations and providing data-driven insights. **Gained 115 user on the first launch.**

- **Labeled, trained, augmented, and cleaned** a custom dataset for my own usage, achieved a 95% mAP accuracy.
- Increase cleaning efficiency by 70% by training a quick model before cleaning the dataset to get insight what things are difficult to recognize.
- Increased user engagement by developing an end to end interactive and UX friendly Online Ordering system.
- Reduce bounce rate and improve customer satisfaction by 85% by reducing ordering time from 2 minutes to 15 second.
- Utilized Git for version control and continuous deployment.
- Used YOLOv11n, the smallest model and used half precision to decrease model size.

**Flowerly** | Team Leader and Back-end Engineer

December 2024

Developed a unified cross-platform application using Kotlin and Node.js architecture with MongoDB Atlas cloud integration, which enable seamless horizontal scaling for growing user data.

- Led cross-functional team of 5 developers by establishing clear task ownership and accountability frameworks
- Reduced cross-platform development time by 70%.
- Learned and implemented a cloud-based NoSQL (MongoDB Atlas cloud database) over traditional SQL solutions.

**Stock Portfolio Tracker** | Team Leader and Back-end Engineer

May 2024

Developed an automated financial monitoring system on ESP32 microcontroller that integrates with market APIs for real-time portfolio tracking. Collaborated with a multinational team of 8 developers using Agile methodology to deliver a complete solution with continuous profit/loss calculations.

- Achieved 99.5% system uptime for continuous 24/7 monitoring.

## NON - ACADEMIC EXPERIENCE

**Head of Multimedia Director** | Tamkang University Indonesian Student Association, 淡江印尼同學聯誼會

May 2023- May 2024

- **Led a team of 5** organizing an event with 2 local vendors resulting in 150 participants with a satisfaction rate of 5.7/6.0, a 6% increase of previous year.
- **Person in charge of graduation event**, edited and managed over 80 videos to showcase graduate's memories through visual presentation.
- **Person in charge of community service event**, collaborated with team members and local government to organize initiatives to give back to the community.

**Non – profit Volunteer** | Tzu-Chi Indonesia, 慈濟基金會

November 2020 – present

- Engaged in public outreach, increasing awareness and participation in charitable activities.
- Worked closely with a diverse team to distribute aid and organize relief programs, enhancing teamwork and leadership skills.
- Learned how to interact with various communities, learning to navigate different perspectives and communicate effectively to support outreach and aid initiatives.

## SKILLS

Programming: Python, Jupyter Notebooks, C/C++, Pytorch

Other Software: Microsoft Suite, Final Cut, Canva, Git

Database: NoSQL (MongoDB atlas)

Soft skills: Interpersonal, Adaptability, Collaborative, Fast learner

## LANGUAGE

English (IELTS 7.5)

Chinese (working proficiency)

Indonesian (native)

**Interests:** Tech & Business Industry, AI/ML/DL, Robotics.

**Certificates:** Marathon (42.2 KM), NVIDIA GenAI, Microsoft Azure AI.