JOSHUA DAMPIL

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SUMMARY

Fourth-year Computer Science student specializing in Machine Learning and Computer Vision. Passionate about creating intelligent systems and real-world software solutions through data and automation. Actively participates in coding and AI competitions, combining innovation and technical precision to deliver impactful results.

EDUCATION

Mapua Malayan Colleges Laguna   Cabuyao, Laguna
BS in Computer Science Specialization in Machine Learning   2022- 2026
Thesis: (In Progress) Kusho': A Smartwatch-based Air Writing Gesture
Assistive System for Early Learners via Hybrid Deep Learning Technique
Muntinlupa National High School   Muntinlupa, NCR
STEM Strand - With High Honors   2022

EXPERIENCE

Software Engineer
Freelance   2024 - Present

- Developed ML models for classification and object detection, plus system automation via GCP, reducing processing time for 20+ clients
- Developed mobile, web, and game applications, incorporating cross-platform features and interactive elements to boost user engagement and scalability

JojiTech   Cabuyao, Laguna
Co-Founder   2024 - Present

- Co-founded startup providing programming solutions for students, developing tools to resolve coding challenges and enhance academic performance
- Extended services to small-scale businesses, creating applications that automate operations and address efficiency issues

SKILLS

Technical: Python (Advanced), JavaScript/TypeScript, C#, SQL; TensorFlow, Scikit-learn, OpenCV, NumPy; React, React Native; HTML, CSS, REST APIs, FastAPI; Git
Language: Filipino (Native), English (Fluent)
Soft Skills: Problem Solver, Critical Thinking, Patient, Collaboration, Teamwork

ACHIEVEMENTS

Champion, Byte Forward Hackathon (South Luzon)   October 2025

- Secured first-place championship by developing a tourism and MSME-focused app within 24 hours, innovating solutions to real-world challenges and promoting local economic growth