

Ray

Kuala Lumpur, Malaysia | rr2024.web3[at]gmail.com | GitHub: <https://github.com/rayramy04> | Portfolio: <https://rayramy04.github.io/portfolio/>

Summary

Computer Science & Data Science student at Monash University Malaysia (GPA 4.0, Dean's List), with achievements including Top 3 at L'Oréal Datathon, Gold Award at Japan AI Olympics, and 1st place in national research competition. Skilled in Python/ML and full-stack web development, with experience scaling projects like a 750-article blog and a 15K-subscriber YouTube channel. Passionate about applying AI and data to solve real-world challenges.

Education

Monash University Malaysia Subang Jaya, Selangor, Malaysia	
Bachelor of Computer Science in Data Science	Jul 2024 – Jul 2027 (expected)
<ul style="list-style-type: none">GPA: 4.0/4.0, Dean's List & Valedictorian in Mathematics, Merit Scholarship (2024, 2025)Relevant Coursework: Machine Learning, Data Analytics, App/Team Development, Software Testing	
Sunway College Subang Jaya, Selangor, Malaysia	
Monash University Foundation Year (MUFY)	Jul 2023 – Jun 2024
<ul style="list-style-type: none">GPA: 4.0/4.0 (WAM 93.25%), Merit Scholarship (2023)	

Experience

Tobiratory Japan LLC Dubai, UAE (Remote)	Jun 2024 – Present
Web Development & AI Automation Intern	
<ul style="list-style-type: none">Developed automation tools (Python, Dify) and customized Astro–Notion Blog for company siteBridged Japanese–English collaboration; recognized for research & programming skills, received 1.5× the initial compensation	
Freelance Music Content Creator Remote	Mar 2024 – Present
Sheet Music Creator, Music Arranger & Instructor	
<ul style="list-style-type: none">Built music business earning \$1K+/month through commissions, sales, and YouTube (15K+ subscribers)Transcribed 50+ J-Pop songs (4.9/5.0 rating on Coconala) and taught music theory & ear training online	

Achievements & Awards

3rd place (among 500+ teams): L'Oréal x Monash Datathon 2025	Oct 2025
2nd place: RSS Hackathon – Built PhotoVoca, an AI-powered English vocabulary learning app	Sep 2025
Gold Award (Top 5 nationwide): Japan Artificial Intelligence Olympiad	May 2025
Silver Award: Kangaroo Math Competition – World's largest math contest	May 2024
Bronze Award (Top 32 nationwide): Malaysian Linguistics Olympiad	Mar 2024
1st Place, Japan Representative: Intl. High School Research Symposium – Speech Synthesis, Phonetics	Feb 2022

Skills

Programming Languages: Python, JavaScript, TypeScript, R, SQL
Web Development & Databases: React, Next.js, Astro, HTML/CSS, MySQL, Firebase, Supabase
Data Science & ML: Machine Learning, Data Analytics, Statistical Modeling
Development Tools: Git/GitHub, Docker, Figma, Stripe, Vercel, Railway, WordPress, Dify, OBS Studio
Languages: Japanese (Native), English (Business), Malay/Indonesian (Basic)

Projects

PressyAI | SaaS Web Application (Client project) | Link: <https://pressy-ai.com/>

AI-driven press release generation service for businesses

- Developed full-stack web app with subscription features using modern frameworks
- Delivered production-ready tool for client, integrating automation and business workflows

PhotoVoca | RSS Hackathon 2025 – 2nd Award | GitHub: <https://github.com/rayramy04/photovoca>

AI-powered mobile app for English vocabulary learning

- Built mobile app with Flutter (Dart) and Computer Vision to recognize objects and display English terms
- Implemented word list and gamified recall features for an engaging learning experience

EmotiGift | Geikucamp Hackathon 2025 – 2nd Award

AI service recommending personalized gifts from social media conversation data

- Developed React (TypeScript) frontend and Python backend for sentiment analysis and recommendations
- Integrated Gemini API and delivered real-time personalized suggestions

Study Abroad Blog | Independent Project | Link: <https://ray-globallife.com/>

Personal blog sharing study abroad experiences and university information

- Authored 750+ SEO-optimized articles, reaching 10K+ monthly visitors
- Achieved Google AdSense approval within 1 month (acceptance rate <4%) and secured corporate partnerships

YouTube Piano Channel | Independent Project | Link: https://www.youtube.com/@ray_pianocover

Music content platform with audience growth and monetization

- Scaled channel to 15K+ subscribers through piano covers and custom sheet music
- Delivered commissioned arrangements and taught transcription/ear training to students online