

# 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 Olympiad, and 1st place in national research competition. Skilled in Python/ML and full-stack web development, with experience scaling projects like a 750+ article study abroad blog and a 15K+ subscriber YouTube channel. Passionate about applying AI and data to solve real-world challenges.

## Education

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

## Experience

<b>Tobiratory Japan LLC</b>   Dubai, UAE (Remote)	Jun 2024 – Present
Web Development & AI Automation Intern	
<ul style="list-style-type: none"><li>Developed automation tools (Python, Dify) and customized astro-notion-blog for company site</li><li>Bridged Japanese–English collaboration; recognized for research &amp; programming skills, received 1.5× the initial compensation</li></ul>	
<b>Freelance Music Content Creator</b>   Remote	Mar 2024 – Present
Sheet Music Creator, Music Arranger & Instructor	
<ul style="list-style-type: none"><li>Built music business earning \$1K+/month through commissions, sales, and YouTube (15K+ subscribers)</li><li>Transcribed 150+ J-Pop songs (4.9/5.0 rating on Coconala) and taught music theory &amp; ear training online</li></ul>	

## Achievements & Awards

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

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**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 (Ray's Global Life Notes)** | Independent Project | Link: <https://ray-loballife.com/>

Personal blog sharing study abroad experiences and university information

- Authored 750+ SEO-optimized articles, reaching 20K+ monthly visitors (the industry's largest)
- 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](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