

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 20K+ 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)

- 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

- 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

- Developed automation tools (Python, Dify) and customized astro-notion-blog for company site
- Bridged 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

- Built music business earning \$1K+/month through commissions, sales, and YouTube (20K+ subscribers)
- Transcribed 150+ 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

Tools: Git/GitHub, Docker, AWS, Cloudflare, Vercel, Railway, Stripe, Figma, WordPress, Dify, OBS Studio

Languages: Japanese (Native), English (Business), Malay/Indonesian (Basic)

Projects

Kopi Chat | Web Application | Link: <https://kopi-chat.com/>

Student community bulletin board application for Malaysia

- Developed a web-based platform for item sales, question and answer sessions, and event announcements
- Integrated student authentication and university-specific chat features to foster a dynamic student community

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-globallife.com/>

Personal blog sharing study abroad experiences and university information

- Authored 800+ 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

Music content platform with audience growth and monetization

- Scaled channel to 20K+ subscribers through piano covers and custom sheet music
- Delivered commissioned arrangements and taught transcription/ear training to students online