



Jeremy Lau Yi Quan

AI Enthusiast & Web Development Practitioner

Diligent Computer Science (AI) student with a firm foundation in technology and AI applications. Excelling in collaborative projects and competitions, showcasing advanced problem-solving and creativity. Skilled in leading efficient, user-focused projects with expertise in programming, web development, and multimedia editing.

Contact

- Bukit Jalil, Kuala Lumpur
- jeremylau2003@gmail.com
- +60-109703168
- [linkedin.com/in/jeremylyq03](https://www.linkedin.com/in/jeremylyq03)

Education

2022 - Present Current GPA 3.81
Bachelor of Computer Science (AI)
Asia Pacific University (APU)

2021 - 2022 CGPA 3.93
Foundation in Computing
Asia Pacific University (APU)

2016 - 2021 SPM 9A 1B
Secondary School
SMK Chung Hua Miri

Expertise

- Computer Vision
- AI Model Training
- Frontend Web & Mobile Development
- Database Design
- Video & Photo Editing
- Java, Python, JS, CSS, HTML, PHP, C#, C++, Dart, R, MySQL

Language

Mandarin (Fluent)
English (Fluent)
Malay (Intermediate)

Work Experience

○ **Aug 2024 - Nov 2024**
Hilti Asia IT Services | Malaysia

IT Infrastructure Intern

- Streamlined device deployment by configuring and testing HP and Lenovo enterprise laptops using Windows Autopilot, Intune, and hybrid Azure AD join, contributing to the organisation's transition from SCCM-based imaging.
- Developed end-to-end Power BI reports to track AVD and mobile device usage across regions by integrating Microsoft Graph API, transforming raw Intune and Azure data into useful dashboards for IT product owners.
- Proposed architectural improvements for historical data tracking and API integration, analysing and documenting Power BI connector methods, dataflows, and security implications for long-term scalability.
- Designed and built a Copilot Prompt Library to centralise reusable and role-specific prompts for Microsoft Copilot, enhancing productivity across IT teams with standardised task automation.

○ **Mar 2023 - Jul 2024**
Hope of Glory | Hong Kong (Remote)

Part-Time Web Development & Administrator

- Led the design and development of the organisation's website using Squarespace, integrating Stripe for secure online donations.
- Streamlined team communication and collaboration through efficient utilisation of Google Workspace, focusing on optimising the filing system solution.
- Designed event posters, promotional materials and registration forms, , aligning with the organisation's branding guidelines and target audience preferences.
- Contributed to ongoing projects such as book digitisation, database development and event planning, collaborating with cross-functional teams to ensure project milestones were met on time and within budget.

○ **Mar 2021 - Feb 2022**
GoodView Studio | Malaysia

Part-Time Photographer & Videographer

- Supported photography and videography projects across diverse events such as weddings, concerts, church activities, etc, assisting with equipment setup, shot composition, and post-production editing.
- Conducted engaging live-streaming sessions on social media platforms including Facebook and YouTube, utilising Blackmagic Design software and equipment to enhance production quality and increase audience engagement.
- Implemented creative strategies to enhance live-streaming sessions, resulting in a significant increase in audience reach and viewer participation.



Jeremy Lau Yi Quan

AI Enthusiast & Web Development Practitioner

Diligent Computer Science (AI) student with a firm foundation in technology and AI applications. Excelling in collaborative projects and competitions, showcasing advanced problem-solving and creativity. Skilled in leading efficient, user-focused projects with expertise in programming, web development, and multimedia editing.

Contact

- Bukit Jalil, Kuala Lumpur
- jeremylau2003@gmail.com
- +60-109703168
- [linkedin.com/in/jeremylyq03](https://www.linkedin.com/in/jeremylyq03)

Education

2022 - Present Current GPA 3.81
Bachelor of Computer Science (AI)
Asia Pacific University (APU)

2021 - 2022 CGPA 3.93
Foundation in Computing
Asia Pacific University (APU)

2016 - 2021 SPM 9A 1B
Secondary School
SMK Chung Hua Miri

Expertise

- Computer Vision
- AI Model Training
- Frontend Web & Mobile Development
- Database Design
- Video & Photo Editing
- Java, Python, JS, CSS, HTML, PHP, C#, C++, Dart, R, MySQL

Language

Mandarin (Fluent)
English (Fluent)
Malay (Intermediate)

Competitions & Achievements

Finalist

Hilti ITC 2024

- Spearheaded the development of a dedicated HR hiring system focused on streamlining the prescreening process, resulting in a significant reduction in the overall recruitment timeline.
- Utilized advanced technologies such as computer vision, Automatic Speech Recognition (ASR), and Large Language Models (LLMs) to analyze video resumes and generate detailed reports for AI interviews.
- Demonstrated exceptional team expertise in project management, technical innovation, and problem-solving, leading to the successful delivery of a solution that effectively addresses critical challenges in the hiring process.

Finalist

DevHack 2023

- Developed a sophisticated lie detection system designed for use in interviews
- Implemented advanced techniques in computer vision using MediaPipe API to accurately identify deceptive behaviour during interviews, enhancing the reliability of candidate evaluations.
- Collaborated closely with team members to ensure seamless integration of various components and functionalities, showcasing effective teamwork and communication skills.

7th Place

APU-AWS DeepRacer Competition 2023

- Developed reinforcement learning (RL) models tailored for racing on an AWS DeepRacer device and within the 3D virtual racing simulator.
- Leveraged reward mechanisms and advanced RL techniques to optimize model performance and enhance racing strategies.
- Demonstrated proficiency in machine learning, specifically in reinforcement learning algorithms, through the successful construction and training of models for autonomous racing applications.

Contributions

NASA Space Apps Challenge 2021

- Developed a mobile application aimed at assisting users in making informed decisions regarding the purchase of solar panels in their living area.
- Implemented features to provide comprehensive information on solar panel options, including efficiency ratings, cost analysis, and environmental impact.