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

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📞 +60-109703168

in linkedin.com/in/jeremylyq03

Education

2021 - Present   CGPA 3.91
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
- Fronted Mobile Development
- Frontend Web 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

Mar 2023 - Present
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 utilization of Google Workspace, focusing on optimizing the filing system solution.
- Delivered adept technical support and administrative services, ensuring smooth functionality of the website and supporting organizational needs.
- Designed event posters, promotional materials and registration forms, , aligning with the organization's branding guidelines and target audience preferences.
- Contributed to ongoing projects such as book digitization and database development, collaborating with cross-functional teams to ensure project milestones were met on time and within budget.

Oct 2023 - Oct 2023
Roki S&S Malaysia | Malaysia
Intern & Event Helper in Japan Job Fair

- Collaborated effectively with the HR team to identify and screen potential candidates, ensuring alignment with the company's hiring needs.
- Supported event logistics by assisting with booth setup, managing promotional materials, and engaging with attendees to provide information about the company and available job opportunities.
- Successfully recruited several talented candidates who joined the company following the job fair, contributing to the expansion of the workforce.

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, utilizing 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.

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Competitons & Achievements

Semi-Finalist (Ongoing)
Hilti 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.

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