Gan Sheer Win

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EDUCATION

Asia Pacific University   Kuala Lumpur, MY
Bachelor's of Computer Science (Hons) (Artificial Intelligence)   *Sep 2022 — Nov 2024*
- Cumulative GPA: 3.43/4.0

De Montfort University   Leicester, United Kingdom (Remote)
Bachelor's of Computer Science (Hons) (Artificial Intelligence)   *Sep 2022 — Nov 2024*
- Cumulative GPA: 3.43/4.0
- Dual Degree Program from Asia Pacific University

Asia Pacific University   Kuala Lumpur, MY
Diploma in Information & Communication Technology, Data Informatic   *May 2020 — Jul 2022*
- Cumulative GPA: 3.7/4.0

SKILLS SUMMARY

- **Programming Languages**: Python, Rust, JavaScript, TypeScript, Java, C Sharp, C++, R, Typst, HTML, CSS
- **Frameworks**: React.js, Node.js, Next.js, WXT Framework
- **Technologies**: Git, SQL, Object-Oriented Programming, Power BI, SAS Viya, FastAPI, OpenAPI, AI Tools
- **Soft Skills**: Leadership, Communication, Team Collaboration, Problem-Solving, Project Management, Critical Thinking

WORK EXPERIENCE

Fullstack Developer Intern   Aug 2023 — Nov 2023
Fusionex Group   *Selangor, Malaysia*
- Designed and maintained RESTful APIs using Node.js
- Conducted comprehensive Jest testing to ensure the reliability of backend services.
- Streamlined database management using Sequelize ORM and documented APIs using OpenAPI standards.

Software Developer Intern   May 2022 — Jul 2022
Longbow Solutions Sdn Bhd   *Kuala Lumpur, Malaysia*
- Optimized back-end systems using C Sharp.
- Designed and managed database structures with MySQL.
- Visualize data and insights using PowerBI.

PROJECTS

Chrome Content Summarizer   github.com/Sheerwin02/Chrome-Content-Summarizer
- A chrome extension that summarize lengthy articles and reports with one-click inside chrome browser developed using WXT Framework.

Project Holo   github.com/Sheerwin02/Project-Holo
- An AI-powered desktop-pet style virtual assistant designed to enhance productivityby addressing information overload, poor time management and stress developed using Python, PyQt6 and FastAPI.

Portfolio Website   github.com/Sheerwin02/sheerwin-portfolio
- A responsive and modern portfolio built with Next.js and Tailwind CSS which deployed on Vercel to showcase projects, skills and contact details.

Verterinary Clinic System   github.com/Sheerwin02/Verterinary-Clinic-System
- A distributed enterprise application designed to manage the operations of a veterinary clinic efficiently using Enterprise JavaBean.

Lumina (github.com/nixon-voxell/lumina/)   Nov 2024 — Present
- Contribution on a top down fast paced objective based PvPvE game to learn the fundamental of Game Development and Rust Bevy.

Extracurricular Activities

Head of Marketing, APU Game Development Club   Aug 2023 — Sep 2024
- Spearheaded marketing strategies for APUGDC and driving event participation and boosting club visibility through innovative campaigns and strong stakeholder collaboration.

Assistant Project Manager, Head of Marketing, APU Great Game Week 2024   March 2024 — Aug 2024
- Assisted in managing the APU Great Game Week 2024, overseeing event planning, logistics and execution, while leading marketing efforts that increased participant engagement and secured sponsorships for a successful multi-day event.

Achievements

- **Google AppSheet Hackathon 2023**: Top 10 winner, recognized for innovative app development using Google Appsheet.
- **TuneProtect Hackathon 2023**: Top 3 winner, developing customer engagement prototypes with Figma and FlutterFlow.
- **AWS DeepRacer Competition 2023**: Top 45% out of 1110 participators, gained hands-on experience in reinforcement learning and AI.
- **Lvl. 99 Game Jam 2023**: Participated to showcase creativity and teamwork in game development.
- **Google Chrome AI Challenge 2024**: Participated to explore AI-powered browser technologies using Gemini API.

Languages Proficiency

- **English**: Professional Proficiency
- **Chinese**: Professional Proficiency
- **Malay**: Conversational Proficiency

Certificates

Google Digital Marketing & E-commerce Specialization, Coursera (offered by Google) (https://www.coursera.org/account/accomplishments/specialization/IYZO6X6LGGD9)