Hayden Miew Wen Hao

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Educational Background

University of Malaysia, Sarawak (UNIMAS) **Sep 2024 – Present**
Bachelor of Computer Science (Honours) in Data Engineering *Kota Samarahan, Malaysia*

- **Academic Standing:** Current CGPA: 3.69 / 4.00
- **Core Modules:** Database Design, Data Structures & Algorithms, Java Programming, Operating Systems, Object-Oriented Software Development

Kuching Sarawak Polytechnic **Dec 2020 – Apr 2024**
Diploma in Information Technology (Digital Technology) *Kuching, Malaysia*

- **Academic Standing:** Final CGPA: 3.76 / 4.00; Achieved a perfect 4.00 GPA in Semester 5 (Director's Award recipient)

Work and Professional Experiences

Self-Employed (Freelance) **Jul 2024 – Present**
Freelance Web Developer *Kuching, Malaysia*

- **Responsive Web Development & Hosting:** Architected, built, and deployed responsive corporate web applications (e.g., CSY Fireworks) utilizing modern HTML5, CSS3, and JavaScript, ensuring cross-browser compatibility and mobile responsiveness.
- **Edge Delivery & Latency Optimization:** Configured edge hosting and serverless delivery via Cloudflare Workers, reducing overall page load latency and optimizing static asset distribution.
- **Client Collaboration & UI/UX Workflows:** Collaborated directly with business clients to translate commercial requirements into intuitive UI/UX workflows and robust front-end interfaces.

Sarawak Energy Berhad **Aug 2023 – Apr 2024**
IT Intern *Kuching, Malaysia*

- **IT Helpdesk & Incident Escalation:** Acted as the frontline contact for system issues (e.g., input and functional errors), gathering user inquiries, verifying system faults, and documenting bug details; escalated unresolved incidents to the technical lead and followed up with users upon resolution to ensure smooth closure.
- **System Testing & UI Verification:** Executed hands-on integration testing and UI verification for an internal Guest House Management System prior to enterprise rollout, identifying interface issues and reporting edge cases.
- **Technical Video Production & Knowledge Transfer:** Produced and edited step-by-step technical video tutorials, facilitating knowledge sharing and accelerating internal staff training and onboarding.
- **Digital Business Card Rollout & User Guidance:** Facilitated the rollout of corporate Digital Business Cards by managing distribution across business units and providing hands-on guidance to employees on card usage, sharing methods, and onboarding tutorials.

Technical Projects

News Portal Content Management System **2022 – May 2023**
Final Year Project / Lead Developer *Kuching, Malaysia*

- **Full-Stack Portal Development:** Engineered a full-stack news distribution and publishing portal using PHP, MySQL (InnoDB), JavaScript, and jQuery under Agile methodology.
- **Relational Database Schema:** Designed normalized relational database schemas supporting multi-tiered nested categories, multimedia posts, and user engagement logs.
- **Admin Moderation & Security Controls:** Developed an administrative dashboard with session-based user authentication, keyword search, category filtering, and an approval-based comment moderation pipeline to eliminate spam; completed Unit and UAT testing.

Honours and Awards

- **Bronze Award Winner:** International Virtual Competition of Creative & Innovative Idea (IVCCII 2023), awarded in the Higher Institution Student category for the original software innovation: "News Portal System" (organized by MNNF Network).
- **Director's Award / Academic Excellence List:** Kuching Sarawak Polytechnic (2024), recognized for distinguished academic standing with a final CGPA of 3.76/4.00 and Semester 5 GPA of 4.00/4.00.

Skills and Languages

Programming & Database: Python, SQL (MySQL/InnoDB), Java, PHP, C, C++, JavaScript, HTML5, CSS3
Cloud, Web & Tools: Cloudflare Workers (Edge/Serverless), RESTful APIs, Bootstrap, jQuery, Apache, XAMPP, Git, GitHub, VS Code
Languages: English, Mandarin Chinese, Malay
Others: Microsoft product, WPS product, CapCut

References

Dr. Cynthia Kon Mui Lian
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Ts. Dr. Chiu Po Chan
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