KO,(Marco) Ka Chun

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EDUCATION

The Hong Kong University of Science and Technology (HKUST)   **09.2022 – Present**
Bachelor's Degree in Computer Engineering   *(est. 06.2026)*

EXPERIENCE

C Kent Group   **05.2022 – Present**
Junior Web Developer   *Full-Time*
- Developed and revamped multiple SaaS platforms for customers, resulting in enhanced user experience and improved business outcomes through my web development expertise and collaborative approach.
- Collaborated with the team to create an E-Learning Platform for schools, improving accessibility and engagement for learners by applying my full-stack web development and UX design skills.
- Implemented a task/to-do list system according to a new internal scheduling system to streamline project communication and enhance productivity, leveraging my problem-solving abilities and familiarity with project management tools.
- Demonstrated eagerness to work under pressure and strong communication skills, leading to successful project delivery and positive client relationships through my proactive and interpersonal approach.

HKUST Robotics Team   **12.2023 - Present**
Software Engineer   *Hybrid*
- Designed and implemented embedded control systems for robotic applications using STM32 microcontrollers, optimizing code for real-time performance and resource efficiency.
- Developed drivers and middleware to seamlessly integrate various sensors and actuators with the robotic control platform, ensuring reliable and responsive operation.
- Demonstrated strong problem-solving skills in debugging and optimizing embedded software, resulting in improved performance and reliability of the robotic systems.

PROJECTS & ACHIEVEMENTS

Kubuqi Desert Sustainable Development Proposal Competition   **11.2023 – 04.2024**
Project Engineer of HopeGrove
- *Finalists stage*, with an award of $5000 HKD secured**.
- Collaborated with a team of 4 and provided various supports with 3D Animation and video-taking.
- Produced a proposal* about utilizing NFT technology for a unique local tourism experience in the Kubuqi Desert.

NFT Environmental Conservation Project   **11.2023 – Present**
Project Executor of HopeCanvas   *(est. 12.2024)*
- *Currently* ongoing, with a subsidy of $5900 HKD obtained from Hsin Chong – K.N. Godfrey Yeh Education Fund**.
- Collaborated with a team of 7 to perform a series of environment-conserving measures, including beach clean-ups, tree planting activities, hosting workshops, and an NFT creation platform with like-minded artists.
- Produced a comprehensive proposal* for the application of the Education Fund.

TECHNICAL SKILLS

Languages: English (Fluent), Cantonese (Native), Mandarin (Fluent), Japanese (Basic)
Content Creation: Canva (Proficient), Adobe PR, PS, LR(Intermediate), Midjourney and Stable Diffusion (Intermediate)
Data Analytics: Word, Spreadsheet(Intermediate), and SQL
Website Building: HTML & JavaScript, PHP (Backend), Springboot, Tomcat, Java Servlet(Beginner)
Programming Language: Dart(Flutter), PHP, JavaScript, TypeScript, Kotlin, Solidity, Python, C#, C++=11, C(Embedding)

RELATABLE EXPERIENCE

Company Catalog Designing   **02.2021 – 03.2021**
Freelance Builder
- Helped a client design their company products' catalog using Canva.

Developed a mobile application for hkflagday.com   **09.2019**
Part Time Developer
- Utilised Flutter and PHP to accomplish a tractable flag bags network over the internet in under 2 days.

*proposals could be viewed upon request.

**proof documents could be viewed upon request for verification.