

KO,(Marco) Ka Chun

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EDUCATION

The Hong Kong University of Science and Technology (HKUST)

Bachelor's Degree in Computer Engineering

09.2022 – Present

(est. 06.2026)

PROJECTS & ACHIEVEMENTS

Kubuqi Desert Sustainable Development Proposal Competition

11.2023 – Present

Project Engineer of HopeGrove

(est. 04.2024)

- Currently at finalists stage, with an award of \$5000 HKD secured**.
- Led a team of 4 and assigned duties according to different specialties and strengths of team members.
- 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. 08.2024)

- Currently ongoing, with a subsidy of \$5900 HKD obtained from Hsin Chong – K.N. Godfrey Yeh Education Fund**.
- Led a team of 7 for performing a series of environment conserving measures, including beach clean-ups, tree planting activities, hosting workshop and NFT creation with like-minded artists.
- Produced a comprehensive proposal* for the application of the Education Fund.

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

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- 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.

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)

NOTABLE EXPERIENCE

Company Catalog Designing

02.2021 – 03.2021

Freelance Builder

- Helped a client design their company products' catalog using Canva.

Developed a smart lock system

09.2019

Personal Interest

- Utilised Java Servlet and HTTP Request to accomplish a remote controllable lock in the local network.

**proposals could be viewed upon request.*

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