

## KA HEI WONG (ALEX)

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### EDUCATION

#### THE CHINESE UNIVERSITY OF HONG KONG (CUHK)

Bachelor of Science (B.Sc.) in Computer Science

Bachelor of Business Administration (B.B.A.) in Integrated BBA, Intended Concentration: Finance

(Admitted to CUHK Double Degree Programme (Engineering & Business Administration); contingent on requirements)

*Sha Tin, Hong Kong*

Expected: Jul 2028

Expected: Jul 2029

GPA: 3.62/4.00

#### THE UNIVERSITY OF BRITISH COLUMBIA (UBC)

Exchange student

*Vancouver, Canada*

Sep 2025 – Apr 2026

### EXPERIENCE

#### QUEUESIS (PERSONAL PROJECT)

Position: *Founder & Full Stack Developer*

*Vancouver, Canada*

Nov 2025 – Present

- Developed a modern, interactive course timetable planner for CUHK students to address usability limitations in the legacy CUSIS system.
- Designed a user-friendly frontend and backend to facilitate smoother course scheduling and visualization for the student.
- Manage ongoing product lifecycle, including feature updates, bug tracking via GitHub, and community feedback integration.

#### BAM WORKS LIMITED

Position: *Event student assistant - Asia Pacific Advanced Network (APAN) 60<sup>th</sup> meeting*

*Wan Chai, Hong Kong*

Jul 2025 – Aug 2025

- Supported event logistics including registration, venue setup, and attendee guidance
- Handled inquiries from participants and guests
- Facilitated communication between 30+ organizers and international delegates

#### HKMA DAVID LI KWOK PO COLLEGE

Position: *Information & Communication Technology Remedial Teacher*

*Mong Kok, Hong Kong*

Mar 2025 – Apr 2025

- Delivered tutorials to help students grasp key ICT concepts
- Designed and printed revised teaching materials for remedial classes
- Supported exam preparation through targeted Q&A sessions and progress review

### LEADERSHIP & AWARDS

#### SFU SURGE STORMHACKS 2025 HACKATHON – FIRST PLACE IN BEST USE OF ELEVENLABS

*Vancouver, Canada*

Organizer: Simon Fraser University SURGE, Major League Hacking

Oct 2025

- Collaborated with a team of four to build "[Carrie](#)," an AI peer counselor integrating computer vision and LiveKit for real-time mental health support.
- Implemented backend integration using Python and ElevenLabs speech-to-text API to enable seamless voice interaction.
- Leveraged business and mental health background to deliver the pitch to a panel of industry judges at Western Canada's largest hackathon.

#### CYBER ATTACK AND DEFENCE ELITE TRAINING CUM TOURNAMENT 2025 - MERIT AWARD

*Hong Kong*

Organizer: HKIRC, Digital Policy Office, HKSAR, Hong Kong Police Force Cyber Security and Technology Crime Bureau

Aug 2025

- Developed and executed attack strategies for penetration testing and adversary simulation.
- Conducted log analysis and memory forensics to trace attack vectors and remediate breaches.
- Proactively identified indicators of compromise (IOCs) within the network.
- Executed attacks based on the OWASP Top 10, including SQL Injection (SQLi), Cross-Site Scripting (XSS), and Insecure Deserialization.

#### COMPETITION ON GENAI APPLICATION IN FINANCIAL SERVICES - 2ND RUNNER UP

*Hong Kong*

Organizer: CUHK, Hong Kong Monetary Authority, Cyberport, Hang Seng Bank

Mar 2025

- Led a 4-member team in designing an AI-powered web application for financial insights
- Built the frontend with HTML/JS and backend with Python, integrating GenAI APIs
- Conducted legal compliance research with law students to meet data regulations
- Prepared and delivered the final pitch to industry professionals

### SKILLS AND INTERESTS

- **Technical Skills:** Python, C/C++, JavaScript, TypeScript, SQL, React, Next.js, MongoDB, Tailwind CSS, AWS.
- **Language Skills:** English (Proficient – IELTS 7.5), Cantonese (Native), Mandarin (Fluent)
- **Interests:** Cybersecurity, Financial Technology, Software Engineering, Event Management