

# Liu Wing Chi

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## EDUCATION

**Ying Wa College**

**Hong Kong**

**Participated:** Prefect Board Members, Student Helper

**2016 –2022**

**Hong Kong Baptist University | Faculty of Science | School of Business**

**Hong Kong**

**Bsc, Business Computing and Data Analytics | First Class Honors | 3.43/4.00**

**Class of 2026**

**Achieved:** President's Honour Roll (Year 1 Semester 2),  
Dean's List (Year 1 Semester 1, Year 2)

## RELEVANT EXPERIENCE

**Buildings Department, HKSAR**

**Hong Kong**

**Temporary Clerk**

**Jun 2022 – Aug 2022**

- Conducted thorough analysis of contractors' information ensuring compliance and reliability. Utilize advanced spreadsheet functions for data categorization and assessment.
- Implemented an efficient document organization system for managing contractor records and project documentation.
- Spearheaded the digitization of historical contractor records, converting paper files into organized, searchable digital database, enhancing data accessibility.

**Self-Employed Worker**

**Hong Kong**

**Private Tutor**

**July 2021 – Present**

- Developed Personalized lesson plans tailored to the individual learning styles and academic requirements, successfully improving their understanding and application of complex subjects.
- Crafted and executed test preparation strategies for both in-school and standardized exams such as TSA.
- Implemented regular progress tracking and provided detailed feedback to both students and parents, fostering a supportive learning environment.
- Initiated the use of interactive learning tools and multimedia resources to enhance the tutoring sessions, resulting in a more engaging and effective teaching methodology.

## PROJECTS

**Discord Bot, with a core feature of user management (Java, API Integration)**

- Cultivated a bot allowing user registration via unique codes verified against a csv file, tying users to their profile records on a Discord server
- Allowing identification of their test scores and seat placements for tests.
- Implemented features that include specific commands.

**Data Analysis & Interactive Web Present: Gender Disparities in HK (PowerBI, JavaScript, CSS, HTML, Python)**

- Utilized in-depth analytical dashboard using PowerBI to dissect the intricate relationship between income levels, educational attainment and unemployment rates among genders in Hong Kong.
- Employed Visual Studio Code for proficient data preprocessing, utilizing Python scripts for the meticulous cleaning, sorting datasets sourced from government databases
- Created an interactive web presentation of the analyzed data, using various programming languages to design the web page as an accessible platform for engaging with the findings.

## CERTIFICATIONS, SKILLS & INTERESTS

**Spoken Languages:** Cantonese, English, Mandarin

**Programming Languages:** Java, Python, SQL, R, HTML, CSS, JavaScript

**Tools/Frameworks:** Matplotlib, MySQL, RStudio

**General:** Microsoft 365, PowerBI, Typing Skills (English, Chinese)

**Certifications:** IELTS Overall 7.5/9.0, ABRSM Grade 8 Piano

**Interest:** Table Tennis, Playing Piano