

KWOK HIU LAM SELINA

selinakwokhiulam@gmail.com | +852 92197196 | <https://github.com/selinakwok>

EDUCATION

MSc Computer Science, the University of Hong Kong | Hong Kong

2024-present

- GPA: 4.00/4.30
- Relevant coursework: Smart Phone App Development, Data Mining, Deep Learning, Management of Complex Data Types, Financial Fraud Analytics, Capstone project

BSc Geography, University College London | London, UK

2021-2024

- Honours: First Class Honours
- Relevant coursework: Machine Learning for Social Sciences with Python, Environmental Remote Sensing, Dissertation (Modelling the hydrological impacts of climate change on the Senegal River Basin)

Diocesan Girls' School (DGS) | Hong Kong

2015-2021

- HKDSE: ICT (5*), Geography (5*), Mathematics (5*), Mathematics Extended Module I: Calculus and Statistics (5*), Chemistry (5**), English (5*), Chinese (4), Liberal Studies (5*)
 - Scholarships/awards: Hong Kong Outstanding Students Award (2019-2020), DGS Scholarship (2016-2019), DGS Exhibition for Other Talents (Information Technology) (2018)
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WORK EXPERIENCE

Tutor | HKU Innovation Wing | Hong Kong

2024-present

Led a group of tutors in designing, prototyping and producing souvenirs for over 300 people, actively learning new skills (such as using CAD software) and problem solving. Tutored more than 100 students in laser cutting and 3D printing, helping them develop technical skills and successfully complete their projects.

ICT Textbook Editor | HKU e-Learning Development Laboratory | Hong Kong

2022-2023

Wrote questions on Algorithm and Programming for a set of textbooks used by 150+ schools in Hong Kong.

Summer Intern | Hong Kong Efficiency Office | Hong Kong

2022

Initiated and developed an automated solution for compiling government staff training records using mail merge in Word, reducing manual data entry and improving accuracy. Collaborated with 14 other interns and presented on a project about the Metaverse.

Chairperson of DGS Media Production Team | Hong Kong

2019-2020

Coordinated the filming of school events, filmed and produced videos for the school. Directed the committee team of 15 in planning and delivering training sessions for members.

PROJECTS

Discord bots

2022-present

Developed 4 Discord bots using Python for a private Discord server of over 100 members, providing a diverse range of functionalities tailored to the needs of members, and to moderate and automate the server. The bots are deployed on Amazon AWS EC2 with PM2.

- Utilises: Python (discord.py, NumPy, Pandas, SciPy, OpenCV, Pillow, gspread), SQLite, RESTful API

Responsive website: PJSK Event Tool

Designed and developed a responsive website for visualizing historical event points timelines for the rhythm game Project Sekai (PJSK) (<https://selinakwok.github.io/PJSK-Event-Tool/>).

- Utilises: HTML, CSS, JavaScript, RESTful API
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SKILLS

Programming: (Proficient) Python, SQL; (Familiar) HTML, CSS, JavaScript, Git, Java, R

Adobe Suite: Illustrator, Photoshop, Premiere Pro, After Effects, Audition

Languages: English, Cantonese, Mandarin