

# KWOK HIU LAM SELINA

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## 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, 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: DGS Scholarship (2016-2019), DGS Exhibition for Other Talents (Information Technology) (2018)
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## WORK EXPERIENCE

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

2022-2023

Wrote HKDSE ICT practice questions on Algorithm and Programming, utilising Adobe Illustrator for figures and graphics.

### Summer Intern | Hong Kong Efficiency Office | Hong Kong

2022

Collaborated with other interns on a capstone project on the Metaverse, studied local and global examples that employ the Metaverse across various sectors.

### Chairperson of DGS Media Production Team | Hong Kong

2019-2020

Coordinated the filming of school events, filmed and produced videos for the school, mainly with Adobe Premiere Pro and After Effects. Worked on simple animation projects.

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## PROJECTS

### Discord bots

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.

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

### 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 (Chart.js), RESTful API, Cloudflare

### iOS mobile app: Zhuyin Playground

Created an iOS mobile application that gamifies the learning of Taiwanese Zhuyin.

- Utilises: Swift
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## SKILLS

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

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

**Languages:** English, Cantonese, Mandarin