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📅 25/04/2003

📍 Hong Kong



Education

- 2021 Sep – 2025 Jun 📖 **B.Eng. Computer Science**, University of Hong Kong
- Joined HKU Worldwide Undergraduate Student Exchange Programme and studied in the UK (University of Leeds) from 2024 Jan – 2024 May.

Work Experience & Related Projects

- 2022 Jun – 2022 Aug 📖 **Technical Assistant Intern** Water Cube Technology Company Limited
- Used Figma to design UI/UX of admin & user end in an elderly home ERP system
 - Used HTML, CSS, JS to develop Front-End for a cryptocurrency trading website
 - Maintained close collaboration with the Back-End team in Mainland China
 - Participated in client meetings and showcased prototypes to collect feedbacks
- Project in 2021 Nov 📖 **HomeSmart** An Arduino-based smart home system for persons with disabilities
- Link to video: <https://youtu.be/C4ZEnElygm8>
 - Introduction: Persons with disabilities can control home appliances (lights, fans and curtains) using voice recognition or custom-built Mobile App. Proximity is detected using Ultrasound to trigger motors for automatic doors.
 - System programmed in C++ in Arduino to parse instructions received from Mobile App and readings from sensors to control the system
 - Developed a Mobile App using MIT AI2 for remote control via Bluetooth
 - Created Custom API to communicate between Mobile App and Arduino System

Certifications

- 2023 📖 **Attained 5** in HKDSE Information and Communication Technology**
Elective: Multimedia and Web Site Development
- 2022 📖 **IELTS Band 8.0 (Listening 9.0, Reading 8.5, Writing 7.5, Speaking 6.5)**

Skills & Interests

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| Coding | 📖 Java, C/C++, Python (incl. ML libraries e.g. Pandas, NumPy, Scikit-learn, BeautifulSoup) |
| Databases | 📖 MySQL, PostgreSQL, NoSQL(MongoDB), Microsoft Access DBMS |
| Web Dev | 📖 HTML5, CSS, JavaScript, jQuery(AJAX), PHP; Experience with XML & JSON data formats
Full stack: MERN stack (MongoDB, Express.js, React.js, Node.js), RESTful API |
| Modeling | 📖 UML diagram (Lucidchart) |
| Office | 📖 Highly Proficient in MS Word, Powerpoint and Excel (including Advanced functions) |
| Typing | 📖 Chinese: 80 Words Per Minute, English: 100 Words Per Minute |
| Multimedia | 📖 Adobe Photoshop, Premiere, After Effects, DaVinci Resolve |
| Languages | 📖 Native Cantonese & Putonghua, Highly Proficient English (IELTS 8.0, standard UK accent) |
| Interests | 📖 Computer Hardware; Investing; Travelling (been to 26 countries); Video Editing; Hiking |