

Mr. Leung Wai Chung

Overview

Motivated and detail-oriented third-year Computer Science student with hands-on experience in full-stack development, IT support, and cloud fundamentals. Proficient in Java, Python, and JavaScript (Node.js, React), with a strong foundation in database systems, system troubleshooting, and cross-platform application design. Passionate about leveraging technology to solve real-world problems and eager to contribute to innovative, high-impact projects in a collaborative, fast-paced environment.

Education

Sep 2024 – Bachelor in Computer Science - Hong Kong Metropolitan University

Sep 2022 – June 2024 Associate in Information Technology - Hong Kong Community College

Certifications / Awards

Jan 2025 Certificate for Participation
HKMU Hackathon 2025

Dec 2022 Certificate of participation
Hong Kong Cyber Security New Generation Capture the Flag Challenge 2022

Work Experiences

July 2025 – Aug 2025 Student Intern (Programmer) – Global Technology Integrator

- Performed System Integration Testing (SIT) to validate end-to-end functionality across modules.
- Designed and executed comprehensive test cases based on functional requirements and user scenarios.
- Documented bugs and test results using internal tools, contributing to QA and development cycles
- Collected and recorded user requests and issues identified during UAT

Nov 2024 - Present Student Helper – Hong Kong Metropolitan University

- Streamlined event logistics at HKMU, ensuring efficient distribution of materials and seamless coordination for university events.
- Escorted 28 speakers to and from the stage at HKMU Hong Kong Cybersecurity Talent Development Summit 2025 to ensure smooth transitions and professional event flow.
- Invigilated a test (Operating systems) with around 300 students in the School of Science and Technology at the university.

May 2022 – Sep 2024 Warehouse Worker - SUP Retail (Hong Kong) Limited

- Optimized logistics for book fairs and school textbook pickups, ensuring 100% on-time delivery and accurate order fulfillment.
- Followed up and processed textbook/material invoices from book publishers (Classroom / Pearson / Education Publishing and more).
- Completed various Primary / Secondary school textbook / material orders by sorting and packing materials.
- Set up and participate in textbook collection/selling points in various Primary / Secondary schools.

Other Experiences / Projects

Native Mobile Application

UniteRide – Android (Java)

Built a real-time bus ETA tracking app using KMB and CityBus APIs, with Google Maps SDK to visualize route stops. Led requirement research and prototyping to guide feature development.

- Tech Stack: Java, OkHTTP, Google Maps SDK (Android), SQLite, Jsoup
- Tools: Android Studio
- GitHub Repo: <https://github.com/Chung1045/UniteRide>

Cross Platform Desktop Application

Media Metadata & LUFS Checker - Python

Developed a cross-platform desktop application using PyQt5 for media metadata and LUFS level verification, enhancing user experience with drag-and-drop functionality.

- Tech Stack: PyQt5, ffmpeg (ffprobe)
- IDE: PyCharm

Web Application

YouTube Video Downloader – Node.js Web Application

Built a Node.js-based web application for downloading YouTube videos by integrating yt-dlp via Node.js's child_process. Designed a responsive UI using jQuery and Bootstrap to support easy video input and quality selection.

- Tech Stack: JavaScript, Node.js (child_process, yt-dlp), HTML, CSS, EJS, jQuery, Bootstrap 5
- Tools: WebStorm

Vibe & Notable – Node.js Web Applications (Self-hostable)

Developed two full-stack Node.js web apps: Vibe, a real-time voting platform, and Notable, a note-taking app.

Implemented Google OAuth for user authentication, secure session handling with Cookie-Session, and dynamic theming using the Unsplash API.

- Tech Stack: JavaScript, HTML, CSS, EJS, Node.js, Express, MongoDB, Mongoose, jQuery, Bootstrap 5
- Authentication & APIs: Google OAuth, Cookie-Session, Unsplash API
- Deployment: Hosted on Render
- Tools: Git/GitHub, WebStorm
- GitHub Repo:
 - Vibe: https://github.com/Chung1045/vibe_proto
 - Notable: <https://github.com/Chung1045/Notable>

Technical skills

- **Programming Languages:** Python, Java, C++, JavaScript (Node.js, React.js)
- **Web Development:** HTML, CSS, JavaScript (ES6+), React.js, Bootstrap 5, jQuery, NPM
- **Mobile & Desktop:** Android (Java), PyQt5, JSwing
- **Databases:** MySQL, MongoDB, SQLite
- **Cloud & APIs:** Firebase (Authentication, Realtime Database), Google Maps SDK (Android)
- **Tools & Platforms:** Git/GitHub, Linux (CLI), IntelliJ, WebStorm, Docker, OrbStack
- **Productivity & AI Tools:** Microsoft 365, ChatGPT, Claude Sonnet

Currently Exploring

- **Programming Languages:** C#, Kotlin, Swift
- **Framework:** PyQt5, SwiftUI
- **Machine Learning:** LayoutLM

Languages

Cantonese (Native) / Putonghua / Guo Yu / English