

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 <ul style="list-style-type: none">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 cyclesCollected and recorded user requests and issues identified during UAT
Nov 2024 - Present	Student Helper – Hong Kong Metropolitan University <ul style="list-style-type: none">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 <ul style="list-style-type: none">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