

Wong Yiu Man

Software Developer · Full-Stack Engineer

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EDUCATION

City University of Hong Kong

BSc Computer Science

Hong Kong

2023 to 2027 (expected)

- Coursework covers data structures, database systems, software design, web development, OOP and computer programming.
- Built a Metaverse Q&A platform with the campus team, where QR codes open Three.js virtual spaces and brought campus engagement online.

EXPERIENCE

WriteTalent

2026 to Present

Senior Forward Deployed Engineer · Hong Kong

- Forward deployed engineer on a venture-capital platform and AI agents for early-stage founders, covering pitch refinement, launch support and agentic marketing.
- Run workshops and client engagements, then turn the founder feedback into the next product change rather than a separate roadmap.
- Work across the business with the founding team, handling delivery, client relationships and the operating details behind the platform.

Dah Sing Bank

2025 to 2026

Fintech Intern · Hong Kong

- Migrated the bank's legacy encryption module from Oracle 9 to 21, carrying 25-year-old PL/SQL, encrypted columns and key handling onto the new database, and transaction processing came out around 50% faster.
- There was no backup machine, so the migration ran in a controlled downtime window, and a synchronization script backed up the data first so production could be restored cleanly if the cutover failed.
- Developed and maintained functions for the bank's OpenAPI service, which lets banks and financial institutions communicate, and improved developer delivery and transaction processing by 50%.
- Decoupled critical systems such as user authentication and money transfers, so the login stayed functional through database updates.

Pokeguide Limited

2024 to 2025

Frontend / Backend Intern · The Hong Kong Polytechnic University

- Built a Next.js and Expo publishing platform with role-based admin and JWT plus Google and GitHub OAuth, reaching 95% Lighthouse SEO through SSG and ISR.
- Built a Laravel and React event system with Stripe and PayMe, handling 500+ transactions a month and automating QR ticket delivery.
- Added article submission and review workflows for author and editor roles, plus Cypress end-to-end coverage for the AQHI tracker that caught critical bugs before release.

The Ubuntu Space

2024

Marketing Intern · Singapore / Remote

- Ran digital marketing on WordPress, connecting the CMS to campaigns that widened the studio's online reach, and wrote and published around 20 posts a month that brought in leads for the company.

LEADERSHIP & ACTIVITIES

AWS Builder, City University of Hong Kong

2026 to Present

Head of AWS Builder Team · Hong Kong

- Lead the campus AWS Builder team, running student sessions, cloud workshops and the team's programme for the year.
- Joined as a member in 2025 and stepped up to lead the team in 2026.

AWS Builder, Member

2025

CityU CSSC, Event Coordinator

2026 to Present

City University of Hong Kong Computer Science Student Club, planning and running student events from logistics to sign-ups and day-of coordination.

PROJECTS

Linkify

github.com/Masonddd11/linkify

Next.js social profile manager with Prisma and PostgreSQL.

- Custom widget pages and dynamic social media integration so users can grow their social exposure, built on Next.js and PostgreSQL behind a Prisma data layer.
- Engineered secure Google OAuth and email authentication on a self-built database session layer.

Dual Eye-Tracking System for Dysgraphia Detection

2026 to Present

Final-year project (CS4514), City University of Hong Kong.

- A dual eye-tracking system that screens children for dysgraphia while they write by hand, using ordinary webcams rather than lab-grade eye trackers.
- Measures the writing process, including gaze and hand movement, not just the finished product, so screening can happen before years of struggle.
- Built for a low-cost setup that schools and clinics can actually use.

SKILLS

Programming: TypeScript, JavaScript, PHP, SQL, PL/SQL

Frontend: React, Next.js, React Hooks, Redux, Context API

Backend: Node.js (Express / NestJS), Laravel, JWT, OAuth, PostgreSQL, MongoDB

Mobile & DevOps: React Native, Flutter · GitHub Actions, Docker

AI & Agents: LangChain, LangGraph, LangSmith, MCP, tool calling, RAG

LANGUAGES & INTERESTS

Languages: English (IELTS 8) · Cantonese (native) · Mandarin (conversational) · Japanese (intermediate) · French (entry)

Interests: Trading, strength training and finance.