

CHOW Tsz Hin

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EDUCATION

Hong Kong Baptist University <i>Bachelor of Computer Science – AI Concentration cGPA 3.46 / 4.00</i>	09-2023 – 06-2027 [anticipated] Hong Kong
● AIA Scholarship, 2023-2027 ● Undergraduate Scholarship in Computer Science, 2024 ● Computer Science Department Alumni Scholarship (Alumni Scholarship), 2025	

PROJECTS

Time Map HK (時光地圖) (ICTA / Personal Project)	06-2026 – Present
● Built an interactive heritage map with 48+ curated Hong Kong locations, era/district filters, GPS discovery, and bilingual timeline exploration from open government and archive data. ● Architected per-location AI chat with RAG, on-topic guardrails, and streaming responses; deployed on Azure (PostgreSQL, Blob Storage, App Service) via GitHub Actions.	
Movie Recommendation System (Course Project)	01-2026 – 04-2026
● Built a Flask full-stack movie recommender with email and Google OAuth login, persisting user genre preferences and ratings for personalised recommendations across sessions. ● Implemented FM (hybrid CF + content) and SASRec (Transformer sequential) with runtime algorithm switching, dual UI themes, and a feedback & evaluation pipeline; deployed via Docker and Railway.	

WORK EXPERIENCE

iGears Technology Limited <i>AI & Software Engineering Intern (Summer)</i>	06-2026 – Present Hong Kong
● Cross-Platform Product Delivery: Designed and developed an AI-driven dictation practice platform for primary students, architecting a responsive web system and packaging it as a cross-platform mobile application for distribution. ● Multi-Modal AI & Alignment Pipeline: Built a hybrid OCR & LLM pipeline to scan and structure dictation sources, integrating a VLM and custom text-image alignment algorithms to grade handwritten submissions and corrections. ● Interactive Speech Synthesis: Integrated multi-lingual (English/Cantonese) TTS with configurable speed/interval controls, designing adaptive logic to dynamically isolate and replay erroneous segments for targeted, iterative practice.	
Jebsen Holidays Limited – Celebrity Cruises (Hong Kong Representative) <i>Department of Marketing, Marketing Assistant</i>	09-2024 – 11-2024 Hong Kong
● UX Design & Digital Marketing: Designed user-centric landing pages to optimize conversion rates and managed end-to-end digital display campaigns across SEO/SEM, email, and social media channels. ● Trend Analysis & Optimization: Analyzed market trends and campaign performance metrics to optimize marketing spend and drive strategic digital advertising initiatives.	

LEADERSHIP EXPERIENCE

French-German Society Hong Kong Baptist University <i>Internal Vice President & Founder (2024-2025), Financial Secretary (2025-2026)</i>	01-2025 – 06-2026
● Managed internal operations and led executive committees to deliver cultural and language exchange programs.	
Mini-IO Hong Kong Baptist University <i>Student Member Team under International Office</i>	08-2024 – Present
● Facilitated international student transition through peer support, campus orientation, and cross-cultural initiatives.	

LANGUAGES, SKILLS & INTERESTS

Languages: Native in Cantonese | Proficient in English (IELTS overall band 7.0) & Mandarin | Minor in German & Japanese
IT Skills: Experienced in Java, Python, C, TypeScript, JavaScript, HTML, CSS, SQL, PyTorch, Flask, Docker, Linux, Git
Productivity Software: VS Code, Cursor, Azure, GitHub Actions, Jupyter Notebook, IntelliJ