

Chan, Aric Edbert

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EDUCATION

University of British Columbia

Bachelor of Computer Science

Vancouver, BC

Jan. 2024 – Dec. 2026

Chinese University of Hong Kong

Master of Philosophy in Economics

Hong Kong

Sep. 2015 – Aug. 2017

Chinese University of Hong Kong

Bachelor of Social Sciences in Economics, Minor in Mathematics

Hong Kong

Sep. 2009 – Aug. 2012

EXPERIENCE

Deputy Returning Officer

Election Canada

Apr. 2025

Vancouver, BC

- Managed voting process for 300 electors in each advance polling day and conducted ballot counting

Web Development Intern

Sing Sharp Limited | JavaScript, React, Node.js, Next.js, Material UI, Git, Jira

May. – Jun. 2024

Hong Kong

- Developed 3 pages and data tables to display handled promise objects returning from server
- Created 10 APIs based on server requirements and validated return results
- Utilized Jira to report and communicate daily task with seniors and pushed reviewed codes to branches
- Constructed and refactored React UI components to improve versatility and support future development needs

Economist

Nanyang Commercial Bank

Jan. 2021 – Jul. 2023

Hong Kong

- Conducted policy studies to drive bank business strategies and presented to management committee
 - The impact of LIBOR transition on bank, Opportunities of return of US-listed Chinese stocks, Inflation risks on bank performance & Strategic planning on green finance
- Completed 2 top-down sectoral researches for the corporate banking division to explore new business opportunities
- Delivered weekly market briefs and quarterly assets allocation reports to facilitate investment product team & treasury division's decision making

Research Analyst

Sun Hung Kai Properties

Dec. 2018 – Jan. 2021

Hong Kong

- Prepared bi-weekly investment meeting reports for management board

PROJECTS

OOTDscribe | BCS Hacks 2025 | Gemini API, Express.js, MongoDB, Tailwind, React Bits, ShadCN

Mar. 2025

- Developed a AI-generated journal platform using user-input mood, stories, and images
- Integrated endpoints for front-end CRUD operations, enabling display, creation, and deletion of journal cards
- Created a responsive, user-friendly UI with landing page, light/dark mode, search functionality, and toast notifications
- Stored Base64-encoded images in MongoDB and reduced journal cards loading time by 30% using localStorage caching

24-7 MedConnect | HackCamp 2024 | Gemini API, React, Express.js, MongoDB, Amazon EC2

Nov. 2024

- Offered suitable doctors from the database based on Gemini AI-generated feedback derived from user-input symptoms
- Processed user-input symptoms using Gemini AI to identify suitable medical specialties, then turned feedback into JSON format for database querying
- Used Axios API for data flow between frontend and backend, including creating doctor profiles on database and retrieving query results to web application based on symptoms input

Coffee Tasting Platform | Java, JUnit

Jan. – Apr. 2024

- Designed a CRUD Platform to log bean purchase information and brew note reviews
- Enabled data persistency to retain and load JSON data after relaunching platform
- Created multiple tabs in GUI to make users toggle various platform functionalities

Online Banking System Database | HTML, CSS, PHP, MySQL

Oct. – Nov. 2023

TECHNICAL SKILLS

Languages: C, C++, Python, Java, JavaScript, TypeScript, HTML, PHP, Assembly

Developer Tools: VS Code, IntelliJ, Git, MongoDB, MYSQL, phpMyAdmin, Amazon AWS

Statistics: R, EViews, STATA

Communication: English, Cantonese, Mandarin