

## **Timmy Chan**

Flat 2107, Block B, Hamden Court, 149-151 Hong Ning Road, Kwun Tong  
+852 5527 3733 chanshunhei09@gmail.com

### **PROFILE**

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A proactive **Computer Science and Finance** student at the **University of Hong Kong** with strong academic achievement and volunteering experience. Keen to pursue a career in professional services with a focus on data science and technology.

### **EDUCATION**

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#### **Formal Education:**

##### **The University of Hong Kong**

*Global Engineering and Business Programme*

*(Double Bachelors in Computer Science and Finance), Year 3*

**Cumulative GPA:** 3.55/4.30

Key Modules: Machine Learning, Web Technologies, Mobile Application Development, Database Management System, Object-oriented Programming, Data Structures and Algorithms, Applied Deep Learning, Natural Language Processing, Computer and Communication Networks, Software Engineering

Hong Kong  
Sep 2021 - Present

#### **Continuing Education:**

##### **Bloomberg Market Concepts**

Online  
Dec 2021

##### **Google Data Analytics Professional Certificate**

(Completed 8 online courses & a capstone project on Coursera)

Online  
Sep 2021

### **WORK EXPERIENCE**

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#### **Hong Kong Monetary Authority — Placement Intern (Digitalization Programme Delivery)**

Jun 2024 - Present

- Migrated the existing software monitoring tools to Prometheus and Grafana
- Built a Jira external reporting system by using cron jobs, python and Jira API on a linux server
- Participated in Common Submission Portal Project and developed some features with React, Springboot, Oracle DB, Gitlab, Jenkins, SonarQube, Nexus Repository, Harbor, Ansible Automation Platform, Kubernetes, Prometheus, Loki, Grafana

#### **China Construction Bank (Asia) — Summer Intern (Innovation Lab)**

Jun 2023 - Aug 2023

- Conducted research on Central Bank Digital Currency and its proposed use cases in Hong Kong
- Worked on a project under HKMA eHKD pilot programme to explore the feasibility of using eHKD on prepayments
- Worked on a mobile banking app project and developed an app prototype using Swift

#### **Kubid Research Limited — Quantitative Developer Intern**

Dec 2022 - Jan 2023

- Deployed an algorithmic trading engine with Docker on Alibaba Cloud server to reduce the reliance on the cloud infrastructure of the trading engine provider
- Backtested some algorithmic trading strategies in python and ran them on a linux server

### **SKILLS**

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- Proficiency in Python, C++, Java, SQL, HTML, CSS, JavaScript, Microsoft Office (Excel, Word, PowerPoint)
- Strong leadership and communication skills
- Fluency in English, Mandarin and Cantonese

### **ACTIVITIES & INTERESTS**

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#### **Investment Society, HKUSU ----- Investment Director**

Nov 2021 - Feb 2023

- Posted some educational posts related to investments on IG to raise the investment awareness of HKU students
- Posted weekly market reviews on IG to help HKU students keep track of the latest information

#### **Astronomy Club, Shun Lee Catholic Secondary School ----- Chairperson**

Sep 2018 - Jul 2019

- Led other executive members in event planning meetings
- Provided schoolmates with a simulated stargazing experience inside a planetarium to arouse their interests in astronomy