

EDUCATION

The Chinese University of Hong Kong, Sha Tin, Hong Kong (GPA: 3.011)

August 2015 - June 2020 (Expected)

BS in Computer Science (Honors at Entrance, Full Tuition Scholarship, Faculty of Engineering Scholarship (45000 HKD))

PROFESSIONAL EXPERIENCE

Banco Santander, Hong Kong — Global Markets (Trading) Summer Analyst (Acceptance: ~2.75%)

June 2019 - August 2019

- Directed the development of FX Swaps tool using Excel VBA for major currencies in collaboration with another summer analyst
- Built new systems to streamline market making trades worth over **\$50 Million** for traders increasing efficiency by **over 15%**
- Built machine learning models to extract and analyze VAR data to analyze portfolios with cumulative worth over **\$200 Million**
- Enhanced efficiency of RWA calculation by **20%** by creating Python and VBA models on FX and Rates traded worth over **\$0.5B**

HSBC, Hong Kong — Industrial Placement Trainee

September 2018 - June 2019

- Introduced a **cost reduction of over 12%** by creating models for counterparty carriers to analyze daily data consumption on devices
- Executed the new security patch update in **220 Hong Kong Branches** collaborating with a team of **7 members** across Hong Kong
- Collaborated with Branch Managers across Hong Kong to secure their operating system on devices worth over **\$10 Million**
- Prepared gap analysis on various transactions from cost centers of HSBC in **Hong Kong and Singapore worth over \$100 Million**

AIA, Hong Kong — Investment Summer Intern

June 2018 - August 2018

- Led the creation of a system with a **reduction of 26%** in latency for investment limits analysis by collaborating with Fund Managers
- Presented AI Chatbot prototype for internal issues to the Executive Committee to improve information gathering for employees
- Prepared the segregation of investment limits for **Hong Kong, Singapore and Indonesia offices reducing cost by 8%**
- Created a machine learning software to analyze ISDA CSA and Master agreement documents to better manage counterparty risk

P2WT, Hong Kong — Summer Intern

May 2017 - August 2017

- Built web application for pre-sales team to check feasibility of a radio link by analysing the terrain profile for deals **worth \$100,000**
- Conducted research on competitors across APAC collaborating with the CEO and presenting the report to the entire pre-sales team

ENTREPRENEURIAL EXPERIENCE

StoreIT (Leader), Hong Kong, India (Website)

September 2019 - Present

- Administered a team of **2 members** and collaborated with **17 property brokers in Hong Kong and India** to list apartments on our platform for users to store their excess luggage helping over **500 students in India** during COVID-19 lockdown migration
- Awards:** Alibaba HSBC Jumpstarter IdeaPop Finalist ([Link](#)), 20000 HKD grant from Wu Yee Sun College (The Chinese University of Hong Kong)

Krashunt (Leader), Hong Kong

September 2017 - April 2018

- Directed a team of **5 members**, collaborating with over **20 mobile game developers** and restaurant chains like **KFC and McDonalds** to create a platform with virtual tokens with value in terms of coupons
- Awards:** 50000 HKD from Vice Chancellor's Cup of Entrepreneurship (The Chinese University of Hong Kong), Deutsche Telekom Best Innovative Idea Award 5000 HKD, Cyberport Creative Micro Fund Grant 100,000 HKD

Bomb defusing drones (Alphadroid), India (Link)

June 2012 - August 2015

- Created a team of drones with a mechanism to maneuver in cities to improve probabilities of successful mitigation of **IEDs by 27%**
- Awards:** Acknowledged and implemented by the Indian Army, Best National Science Project Award (CBSE), Prime Minister of India's Award

EXTRACURRICULARS AND HOBBIES

College Table Tennis Team Captain, University Softball Team Lead Pitcher and Captain (**Finished 2nd in Hong Kong**), Lee Woo Sing Dessert Club, Taught underprivileged students Mathematics and English at CRY (Indian NGO), Stand Up Comedian ([Comedy HK](#))

OTHER WORK

Stact, India — Non-Profit platform ([Final Year Project](#))

April 2019 - Present

Centre for Learning and Enhancement Research (CUHK), Hong Kong — Part-time Developer

May 2019 - Present

Pre-Incubation Centre (CUHK), Hong Kong — Startup [Bearlyfe](#) technology advisor

May 2019 - August 2019

SKILLS ([GitHub Link](#))

Machine Learning (Python), Android Development (Java, XML), Web Development (HTML, CSS, JS, PHP, Node), VBA, SQL