**Long Ching LAU, Leighton 劉朗正**

**PHONE**: +852 5135 6540 **E-MAIL**: [llc1006@link.cuhk.edu.hk](mailto:llc1006@link.cuhk.edu.hk) **LinkedIn**: [Leighton Lau](https://www.linkedin.com/in/llc1006/) **GitHub**: [@leightonllc](https://github.com/leightonllc/)

**Education**

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| **The Chinese University of Hong Kong** | Sep 2018 – July 2023 |

**Bachelor of Engineering in Financial Technology**

* **Minor** in Computer Science
* **Second-upper class honour** with a CGPA of 3.47/4.00
* **Final Year Projects** under the coaching of Centre for Perceptual and Interactive Intelligence:
  1. *Neural Question Generation for an Extensible Question Answering System*
  2. *Improving Low-Resource Cantonese-English Machine Translation and Continual Learning after Deployment*

**Work Experience**

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| **HSBC |** Digital Innovation Graduate | Jul 2023 – Present |

* Rotation #1: Markets & Securities Services – Global Custody Technology

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| **Insurance Authority |** Market Conduct - Part-time Intern | Dec 2022 – May 2023 |

* Building a machine translation system for the organization's confidential documents, and a transcription system for its recorded testimonies with internal training data; Working on both back-end & front-end functions, as well as model training
* Leading the above projects, managing and coordinating the team to ensure successful completion

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| **HSBC |** Structured Banking, Commercial Banking - Student Intern | Jun 2022 – Aug 2022 |

* Supported the origination, structuring & execution of 15 bilateral, syndicated and club loans by credit analysis for fast-growing companies, mid-market financial sponsors and corporate clients, including commentaries on their financials and cash flow projections; drafted key sections of 3 credit papers by industry analysis
* Worked on 9 financial models of the above clients to project their ability to repay and uphold financial covenants
* Contributed with substantial effort for the structuring of the Bank's first green loan transaction in Hong Kong for a climate technology firm with media coverage: [HSBC grants first green loan in Hong Kong to tech firm Ampd Energy](https://www.scmp.com/business/banking-finance/article/3211926/climate-change-hsbc-grants-first-green-loan-hong-kong-tech-firm-ampd-energy)

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| **Hong Kong Monetary Authority |** Market Development - Intern | Dec 2021 – Feb 2022 |

* Extracted data of 2000+ green bond issuance with Bloomberg Terminal and Dealogic; provided insight for the public by analysing the data extracted and drafting publications on the Hong Kong green bond market; Developed a web scraper with Selenium in Python to extract ESG insights

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| **PwC Mainland China and Hong Kong |** TechnologyConsulting - Summer Intern | Jul 2021 – Aug 2021 |

* Assisted on 4 financial advisory projects for banking and financial institutions on financial models;
* Analysed, documented, and validated the system requirements for a project to standardize, streamline and automate a governmental administration process; developed VBA codes for maintaining user requirements

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| **China Construction Bank (Asia) |** Credit Card & Consumer Finance - Summer Intern | Jul 2020 – Aug 2020 |

* Aided in the development of credit card products, liaised with card association and business partners to launch a new co-brand card and achieved the business target of 3000+ new card acquisitions
* Collaborated with internal legal, compliance, and IT teams to streamline workflows, including updating the credit card application procedure and documents; compiled user requirements to initiate change management

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| **HSBC |** Innovative Business & Growth, Commercial Banking - Co-op Student Trainee | Jun 2022 – Aug 2022 |

* Designed customer service workflows, content moderation rules and communications templates for HSBC Business Go, a digital community platform for SME clients;
* Managed translations and internal performance review workflows for the platform in the development cycle
* Project with media presence: [HSBC Hong Kong officially launches HSBC VisionGo](https://ibsintelligence.com/ibsi-news/hsbc-hong-kong-officially-launches-hsbc-visiongo/)

**Extra-Curricular Activities**

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| **Chung Chi Student Chinese Orchestra, CUHK |** Executive Committee | Jan 2022 – Jul 2023 |

* Founding Ex-Co; Managed finances for the student organization and compiled balance sheets for reporting; Co-organized orchestra rehearsals with ~60 musicians and students; Led the Winds section; Media appearance on [RTHK2](https://www.rthk.hk/radio/radio2/programme/madeincampus/episode/811897)

**Skills & interests**

* Technical Skills: Linux, C, Python, JS, MERN, PHP, MS Office, Bloomberg Terminal, and SPSS, etc
* Certification: Bloomberg Market Concepts
* Language: Fluent English, Cantonese, and Mandarin
* Hobby: Active member of amateur Chinese orchestras in HK playing Bamboo Flute, Tenor Sheng and Bass Sheng