Winki Wing Kei Tam

FINTECH GRADUATE | DATA ANALYSIS, PYTHON AND SQL

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PROFESSIONAL SUMMARY

FinTech graduate (HKU, BASc FinTech with a second major in Finance, 2:1) based in London, with hands-on experience in payments operations, KYC and AML compliance, and data analysis. Built an NLP sentiment pipeline for Bitcoin and Ethereum that processed 756,401 tweets, and a multi-venue crypto market data pipeline. Looking for data analyst roles in FinTech, payments and crypto.

CORE COMPETENCIES

Python and SQL | ETL and data cleaning | Correlation analysis | Data visualisation | NLP (VADER, FinBERT) | KYC and AML | Transaction monitoring

WORK EXPERIENCE

UPSILON FAMILY Jan 2026 - Jul 2026

Analyst, Real Estate and Infrastructure (Internship) · United Kingdom (Remote)

- Analysed market, company and deal data, including the data centre market, using Excel and AI tools (Claude)
- Led a team of 6 interns on research and due diligence for real estate and infrastructure deals, reporting directly to the Managing Director
- Wrote research memos and due diligence reports on potential deals

KPay Group Dec 2025 - Jul 2026

Operation Assistant (Part-time) · Hong Kong SAR

- Supported client onboarding, including KYC verification
- Investigated merchant documents that did not match and onboarding data errors, and followed them up in the internal CRM
- Tracked and checked operations data in Excel

Set Sail A.I. Aug 2025

AI Testing (Part-time) · Hong Kong SAR

- Tested an AI chatbot for HK MTR; testing feedback went into AI training
- Found a gap in the chatbot's restricted-words list

RD Technologies Jan 2024 - May 2024

Operation Intern · Hong Kong SAR

- Ran sanction screening and monitored financial transactions to detect potential fraud
- Supported remote customer onboarding and customer due diligence (CDD) for B2B e-wallet opening

PROJECTS

Sentiment-Driven Cryptocurrency Portfolio Optimisation HKU, Sep 2025 - May 2026

Sentiment pipeline for Bitcoin and Ethereum combining VADER (tweets) and FinBERT (news headlines), with engagement- and source-weighted daily sentiment scores, ETL to clean and deduplicate social and news data, and correlation analysis with dashboards. Processed 756,401 tweets over 245 days; Pearson correlation of 0.609 between engagement-weighted and unweighted daily sentiment (n = 245 days). Followed up with a SQL re-analysis of the data.

Python, SQL, pandas, Streamlit, Plotly

Crypto Market Data Pipeline Personal project

Multi-venue WebSocket feeds (Binance, Coinbase, Kraken) into SQLite with backoff, reconnect logging and cross-venue spread in bps; found and fixed six bugs.

Python, SQLite, WebSocket

Show Day Personal project

A fan-to-fan web app for concert day, built on Supabase (PostgreSQL) with the face-value price rule enforced by the database and row-level security.

JavaScript, PostgreSQL (Supabase)

Checkout Optimiser Personal project

Compares UK payment options (debit, credit card, 0% card, BNPL, retailer finance) by expected cost, including slip risk, Section 75 and chargeback protection.

EDUCATION

Bachelor of Applied Science (BASc), FinTech, Second Major in Finance The University of Hong Kong Sep 2022 - Jun 2026

Second Class Honours, Upper Division (2:1)

Exchange Programme, Business and Economics University of Leicester Jan 2025 - Jun 2025

SKILLS

Data and ML: Python, pandas, NumPy, Seaborn, Plotly, Streamlit, scikit-learn, Transformers, NLP (VADER, FinBERT), ETL, data visualisation, SQL, PostgreSQL (Supabase)

Programming: Python, JavaScript, HTML, CSS, Solidity, C++

FinTech and compliance: KYC, AML, CDD, sanction screening, transaction monitoring, payments operations

Tools: Microsoft Excel

Languages: English, Cantonese