

# TAN TIAN QING

Cheras, Malaysia | +(60)16-264 9141 | [tantianqing17@gmail.com](mailto:tantianqing17@gmail.com) | [LinkedIn Profile](#) | [My Portfolio](#)

## EDUCATION

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**Asia Pacific University of Technology and Innovation (APU)**

**June 2022 - June 2025**

**Bachelor in Banking and Finance (Hons) with a specialism in Financial Technology**

- **Final CGPA:** 3.54 / 4.0 | First Class Honours
- **Final Year Project:** Comparative Analysis of Deep Learning Models (LSTM and GRU) for Stock Index Prediction Across Developed and Emerging Markets. (Python Language).

## WORKING EXPERIENCE

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**Dynamic Technology Lab Pte. Ltd. (Singapore Quantitative Hedge Fund)**

**April - July 2024**

**Finance Research Analyst Intern, Full-time (4 months), Remote**

- **Finance Research & Analysis**
  - Conducted preliminary fundamental analysis of designated companies, covering business model, financial analysis, competitive positioning, growth potential, key risks, and valuation (PE, DCF).
  - Conducted in-depth data-driven research and analysis on US macroeconomic.
  - Researched on emerging financial topics assigned by senior researchers, demonstrating strong search capability to synthesize publicly available and fragmented information to distill actionable insights.
  - Synthesized key takeaways from research report, webcasts and conference calls hosted by major financial institutions, covering topics from financial results to industry trends.
- **Feature Engineering (Python Language, Linux OS)**
  - Preprocessed large-scale (>1 million lines) trading and financial datasets to develop meaningful features for quant trading strategies, gained hands-on experience on data manipulation with Python.
  - Collaborated with senior researchers to troubleshoot discrepancies and ensure features' usability.

## EXTRACURRICULAR EXPERIENCE

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**APU Bursa Young Investor Club (APU BYIC)**

**July 2023 - August 2024**

**President**

- Coordinated and led a committee group of 20 members, demonstrated leadership and teamwork.
- Served as spokesperson in various external and internal club events, including a trading workshop with RHB Investment Bank (100+ attendees), P10 Industrial Visit (40 attendees) and Annual General Meeting (50+ members), showcased public speaking skills.

**FutureReady 3.0 Programme | YTAR & Accenture Malaysia**

**July - September 2023**

- Achieved the 2nd Runner-up among 10 university teams nationwide, accredited by a panel of senior Accenture consultants with over 10 years of professional experience each.
- Gained hands-on exposure to consulting fundamentals through mentorship from industry professionals.
- Built strong skills in pitching, design thinking, innovative thinking, storytelling, and deck building.

## PERSONAL PROJECT

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- **Equity Research:** Authored an amateur buy-side equity research report on Alphabet Inc (GOOG).
  - Identified the growth drivers and investment potential, and conducted data-driven analysis of GOOG.
- **Quantitative Trading Strategy & Research:** Developed my own XAUUSD quantitative trading strategy (combination of momentum and mean-reversion signals) and conducted quantitative research on Gold & US Indexes (including Post-event Analysis, S&P500 Bullish Signals, Market Behaviors, etc.).
- **JPMorgan Quantitative Research Job Simulation:** Strengthened knowledge in Time Series Forecasting Models (SARIMAX), Exploratory Data Analysis (EDA), Machine Learning Models (Logistic Regression, Decision Tree, Neural Network), and Futures Pricing.