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Research/Project Interests

Computer Forensics, Digital Investigation, Data Privacy, Cyber Security

Some previous capstone projects

- A Multi-currency Wallet Using Blockchain
- Automated Cryptocurrency Trading Using Machine Learning Algorithms
- Acceleration of Monte Carlo Option Pricing
- AI Cryptocurrency Trading Advisory System
- Application of Machine Learning Algorithm for Trading Strategies Formation and Equity Research in the Semiconductor Industry



Dr Liu, Qi

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Research/Project Interests

Natural Language Processing, Machine Learning, Artificial Intelligence, and FinTech

More specific directions:

AIGC

Training Large Language Models



Professor Yiu, Siu Ming

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Research/Project Interests

Cyber Security & Cryptography, FinTech

Any topics related to (but not limited) :

1. Cyber security

- Anti-money laundry, e-KYC, cryptocurrency tracing, FinTech app security issues, AI system security, security in federated learning, blockchain access control etc.

2. FinTech

- Algo-trading, financial data analytics, risk assessment, solutions for financial inclusion, virtual bank related, RegTech (all kinds of xxTech, such as InsurTech, WealthTech related to FinTech), NLP applications for FinTech (e.g. ESG reporting) etc.

3. Any start-up idea related to cyber security or FinTech

- Students are welcome to bring start-up ideas to work on a FYP!

More... (contact me for more information)