HOU-WAN LONG

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EDUCATION

The Chinese University of Hong Kong–CGPA:3.564; MGPA:3.7   **Hong Kong**
- B.Sc. in Risk Management Science (expected May 2026)   *September 2022 - Present*
- Core Course Modules: Statistics, Finance and Computer Science

Washington University in St. Louis   **St. Louis, Missouri**
- Exchange Student   *January 2025 - Present*

RESEARCH INTEREST

Computational Social Science, AI for Finance, Decentralized Mechanism

PUBLICATIONS

Conference Proceedings

- **H.-W. Long**, N.-M. Wong, W. Cai, Bridging Culture and Finance: A Multimodal Analysis of Memecoins in the Web3 Ecosystem, The ACM Web Conference 2025 (WWW'25) Short Paper (**Accepted**)

- **H.-W. Long**, Y.-W. Si, Token Fungibility Duality: Technical and Graphical Analysis on 404 Standards, IEEE International Conference on Blockchain (**Acceptance Rate=18.89%**)

- **H.-W. Long**, X. Zhao, Y.-W. Si, Dynamic Mining Interval to Improve Blockchain Throughput, IEEE International Conference on Big Data (**Acceptance Rate=17.4%**)

Journals

- J. Sun, **H.-W. Long**, Z. Fang, A El Saddik, W. Cai, Contract Design for SCaaS with Multi-dimensional Private Information, IEEE Transactions on Computational Social Systems (**JCR Q1**)

- X. Zhao, G. Zhang, **H.-W. Long**, Y.-W. Si,, Verkle Tree-Based Dynamic Transaction Storage Strategies for Minimizing the Volatility of Block Incentives, Decision Support Systems (**JCR Q1**)

- X. Zhao, **H.-W. Long**, Y.-W. Si, Mitigating Blockchain extractable value (BEV) threats by Distributed Transaction Sequencing in Blockchains, Journal of Digital Communications and Networks (**JCR Q1, Minor Revision**)

RESEARCH EXPERIENCE

Decentralized Computing Laboratory, University of Washington   **Tacoma, Washington**

Research Assistant (remote)   *March 2024 - December 2024*

Data Analytics and Collaborative Computing Laboratory, University of Macau   **Macau**

Research Assistant   *March 2023 - February 2024*

HONOURS AND AWARDS

- **Reaching Out Award** by New Asia College, The Chinese University of Hong Kong   *May 2023*
- **Student Travel Award** by Institute of Electrical and Electronics Engineers (IEEE)   *November 2023*
- **Research Studentship** by Department of Statistics, The Chinese University of Hong Kong   *December 2023*
- **Dean's List** by Department of Statistics, The Chinese University of Hong Kong   *July 2024*

SKILLS

Skills:	Pytorch, Pandas, Selenium
Languages:	English (fluent), Cantonese (native), Mandarin (native)