Zhenwei Hu

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Education

The University of Hong Kong   **3.84/4.3**

Bachelor of Engineering in Computer Science, Minor in Mathematics   **2018.09 - 2022.06**

University of Illinois Urbana-Champaign

Master of Computer Science (MCS)   **2022.09 - present**

School Activities

- HKU ACM-ICPC Programming Team 3 Leader   **2021 - 2022**
- Summer school: **The University of California, Berkeley (4.0/4.0)**   **2019**

Internship Experience

Derivatives China   **Shenzhen, China**
C++ Developer   **2020.03.25 - 2020.08.07**
- Implemented a market data receiving and forwarding interface with TCP socket.
- Compressed market data using ZSTD to reduce network pressure.
- Broadcast market data using ZMQ Publish-Subscribe pattern and EPGM protocol.
- Use Pybind11 to implement a Python interface which packs C++ codes.

Tencent - Tencent Music Entertainment   **Shenzhen, China**
Backend Developer   **2020.08.18 - 2021.01.11**
- Reconstruct a backend song recommendation system using Python.
- Maintain the reconstructed system by adding new features and automate data processing.

Goldman Sachs   **Beijing, China**
Summer Analyst   **2021.06.15 - 2021.08.20**
- Build a program performance monitoring system and visualization dashboard.

Research Experience

HINCare: Heterogeneous Information Network for Elderly-Care   Prof. Reynold C.K. Cheng   **2022**

Other Activities

Awards:	The 2019 ICPC Asia Shanghai Regional Contest Bronze prize	**2019**
	Dean's Honors List	**2019, 2021**
Qualifications:	TOEFL: R30, L30, S23, W30; GRE: 165+170+3.5	
Programming:	Familiar with C++, Python; Have basic knowledge in MySQL, Java	
Extracurricular:	2010, 2011, 2014 Shenzhen Junior Chess Tournament Champion	