Zhenwei Hu

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Education

The University of Hong Kong (Year 4 undergraduate student) (3.9/4.3)

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

School Activities

- HKU ACM Team member, language: C++
- 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 an existing songs recommendation system using Python.
- Improve 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 performance monitoring system and visualization dashboard.

Project Experience

- Gitlet: use Java to build a simplified version-control system like Git.
- CF-Problem: A small tool written in my blog for competitive programming reference.

Other Activities

Awards:	The 2019 ICPC Asia Shanghai Regional Contest Bronze prize	**2019**
	Dean's Honours List	**2019**
Qualifications:	IELTS: Overall8, R9, L8.5, S7, W6.5	
Programming:	Familiar with C++, Python; Have basic knowledge in MySQL, Java	
Extracurricular:	2010, 2011, 2014 Shenzhen Junior Chess Tournament Champion	