

# Zhenwei Hu

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## Education

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### The University of Hong Kong (Year 3 undergraduate student)

Bachelor of Engineering in Computer Science, Minor in Mathematics(3.89/4.3) **09/2018 - 05/2022**

## School Activities

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- HKU ACM Team member, language: C++
- Summer school: **The University of California, Berkeley** (4.0/4.0) **2019**
- Course taken: CS61BL Data Structures & Programming Methodology A+  
MATH N55 Discrete Mathematics A+

## Internship Experience

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### Derivatives China

**Shenzhen, China**

#### C++ Developer

**3/25/2020 - 8/7/2020**

- 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

**8/18/2020 - 1/11/2021**

- Reconstruct the existing backend code using Python.
- Write Python, Linux shell scripts and design SQL tables to automate data processing.

## Project Experience

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- Gitlet: use Java to build a simplified version-control system like Git.

## Other Activities

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