

# Zhenwei Hu

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## Education

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<b>The University of Hong Kong</b>	<b>3.84/4.3</b>
Bachelor of Engineering in Computer Science, Minor in Mathematics	<b>2018.09 - 2022.06</b>
<b>University of Illinois Urbana-Champaign</b>	
Master of Computer Science (MCS)	<b>2022.09 - present</b>

## School Activities

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

## Internship Experience

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<b>Derivatives China</b>	<b>Shenzhen, China</b>
<b>C++ Developer</b>	<b>2020.03.25 - 2020.08.07</b>
<ul style="list-style-type: none"><li>• Implemented a market data receiving and forwarding interface with TCP socket.</li><li>• Broadcast market data using ZMQ Publish-Subscribe pattern and EPGM protocol.</li><li>• Use Pybind11 to implement a Python interface which packs C++ codes.</li></ul>	
<b>Tencent - Tencent Music Entertainment</b>	<b>Shenzhen, China</b>
<b>Backend Developer</b>	<b>2020.08.18 - 2021.01.11</b>
<ul style="list-style-type: none"><li>• Reconstruct a backend song recommendation system using Python.</li><li>• Maintain the reconstructed system by adding new features and automate data processing.</li><li>• Discover and resolve memory issues of a program, reduce memory usage by 90%.</li></ul>	
<b>Goldman Sachs</b>	<b>Beijing, China</b>
<b>Summer Analyst</b>	<b>2021.06.15 - 2021.08.20</b>
<ul style="list-style-type: none"><li>• Build a program performance monitoring system and visualization dashboard.</li><li>• Contribute pull requests to another monitoring system by optimizing time complexity.</li></ul>	

## Research Experience

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[HINCare](#): Heterogeneous Information Network for Elderly-Care Prof. Reynold C.K. Cheng **2022**

## Other Activities

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Awards:	The 2019 ICPC Asia Shanghai Regional Contest Bronze prize	<b>2019</b>
	Dean's Honors List	<b>2019, 2021</b>
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	