

Zhenwei Hu

huzhenweitom@gmail.com | +1 (447) 902-2346 | Blog: tom0727.github.io

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.
- 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.
- Discover and resolve memory issues of a program, reduce memory usage by 90%.

Goldman Sachs

Beijing, China

Summer Analyst

2021.06.15 - 2021.08.20

- Build a program performance monitoring system and visualization dashboard.
- Contribute pull requests to another monitoring system by optimizing time complexity.

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