

JING QIN

Software Engineer

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EDUCATION

M.S. in Computer Science

Boston University

📅 Sep 2019 – Present 📍 Boston, US

B.S. in Information Security

Hainan University (HAINU)

📅 Sep 2012 – June 2016 📍 Hainan, China

Exchange Student in CS

University of California, Santa Barbara

📅 Jan 2016 – June 2016 📍 Santa Barbara, US

PERSONAL PROJECTS

- Cloud-native deployments of bare metal high performance AI workflows. [\[VIEW ON GITHUB\]](#)
- Implemented **Raft** & **MapReduce** from scratch by Golang.
- A tiny CNNs framework from scratch by C++. [\[VIEW ON GITHUB\]](#)
- Hunt the Wumpus with A* employed. [\[VIEW ON GITHUB\]](#)
- Real-time pedestrian tracking by using Faster-RCNN for detection.
- Reversi by using Minimax Tree and Alpha-beta pruning.

EXPERIENCE

C++ Software Engineer

Hujiang EdTech

📅 May 2017 – Sep 2018 📍 Shanghai, China

- In charge of the development of CCTalk (online teaching platform) desktop application on Windows and macOS, based on the self-designed **UI engine**.
- Refactored CCTalk with Qt and **extended** Qt's native controls.
- Designed algorithms to reduce video & audio traffic and to alleviate bandwidth pressure.

Startup Founder

Shenluo Infomation Technology LLC.

📅 May 2015 – April 2017 📍 Suzhou, China

- Started when I was a third-year undergraduate student.
- Raised 5 million CNY from the angel investment, government and family.
- Leded three PC-VR glasses. [\[RELEASED\]](#)
- Leded one IMU-based body motion tracking product. [\[RELEASED\]](#)
- Leded a VR application store. [\[RELEASED\]](#)
- Leded a VR conference system with body tracking and audio. [\[RELEASED\]](#)
- Leded a VR application for rehabilitation therapy. [\[RELEASED\]](#)

STRENGTHS

Distributed System

Raft

MapReduce

Data Stream Processing

Flink

Flink Stateful Functions

Kafka

Deep Learning

Computer Vision

GUI

Qt

UI Engine

Win32

Misc.

Docker

OpenShift

Git

CMake

Android NDK

OpenCV

LANGUAGES

C/C++

Golang

Java

Python

Kotlin

AWARDS



First Prize in Microsoft Imagine Cup 2015 China

Team Leader



Special Award for Electronic Design Competition in Hainan Province 2014

Core Team Member



First Prize Scholarship of HAINU 2013-15

Personal