

# JING QIN

## Software Engineer

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## EDUCATION

M.S. in Computer Science | GPA 3.89

**Boston University**

📅 Sep 2019 – Present    📍 Boston, US

B.S. in Information Security | GPA 3.75

**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