

# JUN LIU

liujun.devops@gmail.com

## EDUCATION

---

**University of Electronic Science and Technology of China**    *Sep. 2013 – July. 2017*  
Bachelor of Engineering in Networking

## EXPERIENCE

---

**Technology Center, NetEase**    Aug 2017 - Jan 2020  
*Senior Devops Engineer*    *Guangzhou, China*

- Developing, operating, optimizing the biggest load balance cluster of NetEase Games private cloud, which was built on hundreds of LVS, Nginx and HAProxy server, with a centralized API system and agents on each node.
- Our team introduced a way to offload TLS handshaking to another separate Nginx cluster, made the cluster easier to scale up. I participate the original design.
- Researching and testing of the next-generation server choices of NetEase Games, tested the performance of a variety type of servers.

**Dept. of Operation and Infrastructure, NetEase**    Jun 2016 - Sep 2016  
*Devops Engineer (Intern)*    *Guangzhou, China*

- Made a research about how cipher suites affected the performance of layer 7 load balancer, improved about 30% CPU performance on TLS handshaking.

**Cohesion Network Security Studio, UESTC**    Sep 2014 - July 2017  
*System Admin*    *Chengdu, China*

- The CNSS studio is a well-known CTF team in China. I was in charge of the recruiting of the studio as the leader of system admin group.
- Built up an easy-to-use tiny private cloud based on ProxmoxVE, maintained many web sites of UESTC (including daily backup and availability checking, automatic mail alarming).

## PROJECTS

---

**Personal Blog**    2014 - Present  
*System Admin, Writer*    <https://www.starduster.me/>

## PATENTS

---

- Information transmission method and device, storage medium, and electronic device. CN109040040A. 2018
- Without key front end cluster system, application method, storage medium, electronic device. CN110324365A. 2019

## TECHNICAL STRENGTHS

---

**Skill**    Linux networking, Load balancing, Performance optimizing  
**Tool**    Nginx, HAProxy, LVS, Docker, Python, Bash

## LANGUAGE

---

**English**    Fluent (TOEIC 830)