

# Qian Liu

Room 1026, Institute Of Computer Architecture, Beihang University, 37 Xueyuan Road, Haidian District, Beijing, P.R.China

☎ (+86) 188-1177-1230 | ✉ qianlxc@outlook.com | 🏠 www.cnblogs.com/SivilTaram | 📱 SivilTaram

*"Actions speak louder than words."*

## Education

### Beihang University

B.S. IN COMPUTER SCIENCE AND ENGINEERING

- Overall GPA: 94/100 ,Major GPA: 95/100
- Freshman Rank: 14/240, Sophomore Rank: 5/238

Beijing, P.R.China

Sep. 2013 - PRESENT

## Skills

**Programming** C#, Verilog, Assembly language, Shell, C/C++, Python, JAVA,  $\text{\LaTeX}$

**Tools** Linux, Git

**Languages** Chinese , English

## Experience

### Software Enigneering Course Team Project

Beihang University

PROGRAM MANAGER

Oct.2015 - Jan.2016

- The first semester in Junior ,I guide the team named **Ruan Jian Gong Cheng** to develop the team project **A Physical Experiment Website**.
- The site's new registered users increased to nearly nine hundred after two months since launched.And the page views are more than twenty and five thousand. We were the best one both in the alpha and beta stage and I was the 1st in the course all the time as well.
- In the experience of developing this one, I have learned to cohere members of team,to increase cooperation,and to improve enthusiasm of members. The project brought me skills not only on kinds of tools, but also on writing documents and designing architecture.And it turned out to be a successful project.

### AR Program —— Magic Cube

Beihang University

DEVELOPER

Feb. 2014 - May. 2014

- The first semester of freshman, I developed a program named "Magic Cube" with a partner because of the . It is related to augmented reality ,and developed in the base of a repository from Github.
- It could display some high-quality 3D models,videos and posts by scanning the two-dimension code printed on delivery packing boxes.
- We use java to develop it(Android APP),and finally it turned out to be a great one so it got 3rd prize in Feng Cup Competiton.I didn't write lots of codes, but I have insisted doing it and learned to do pair programming.

## Extracurricular Activity

### Assistant Team of Operating System Experiment

Beihang University

CORE MEMBER

Mar. 2016 - PRESENT

- Just the beginning.

### Assistant Team of Principle of Computer Organization Experiment

Beihang University

LEADER

Oct. 2015 - Jan. 2016

- Gained experience in managing a assistant team and cooperating with others.
- Participated on developing some small tools for teaching.(e.g. A python script for crawling and analysing the connection between students' activity in the discussion forums and their grade.
- Came up with several teaching ideas to improve the enthusiasm of students.
- Strengthened my comprehension of the execution of CPU, by solving nearly a hundred and half problems from students in discussion forums.

## Honors & Awards

---

### INTERNATIONAL

2015 **Honorable Mention**, MCM(The Mathematical Contest in Modeling)

*the U.S.A*

### DOMESTIC

2015 **The Samsung Scholarship**, Beihang University

*Beijing, P.R.China*

2015 **The Excellent Student(top 5%)**, Beihang University

*Beijing, P.R.China*

2015 **1st Award**, Beihang University Scholarship In Learning

*Beijing, P.R.China*

2015 **2nd Award**, Beihang University Scholarship In Competition

*Beijing, P.R.China*

2014 **The Outstanding Student Leader**, Beihang University

*Beijing, P.R.China*

2014 **The Merit Student**, Beihang University

*Beijing, P.R.China*

2014 **3rd Prize**, Beihang University Mathematics Competition

*Beijing, P.R.China*

2014 **3rd Prize**, The twenty-fourth Feng cup competition

*Beijing, P.R.China*

## Writing

---

### A Guide Book for the Operating System Experiment

*Git@Oschina*

LEADER & WRITER

*Jul. 2015 - Mar. 2016*

- The second semester of sophomore, luckily, I finished overall experiments in operating system, and did well in the final reply, leading to a full mark. The experiment, which was based on MIPS architecture, was transplanted from MIT 6.828. But it had some imperfections such as strange bugs, disordered notes and vague materials.
- Hereupon, I started to write the guide book, in cooperation with two friends. We have looked up lots of documents and combined their views with our own experience in the process, finally making a book which was typeset in LaTeX, nearly one hundred and forty pages. It was hosted in Git@Oschina. At the same time, we add perfect English notes on every necessary function.
- As a leader, I made a systematic plan, in the beginning of writing the guide book. So the progress of writing was carried smoothly. As a writer, I wrote the 2nd, 4th, 6th chapter and the guide for git in a humorous tone.