Name：Leng Xue
Sex ： Female
Phone：13071811520
Email：lengxue_2015@outlook.com

Education

| 2015.09 – | College of Computer Science and Technology | Zhejiang University (ZJU) | Ph.D |

✦ **Research Interests:** the security and reliability of SDN/NFV, 5G protocol verification
✦ **Supervisor:** Prof. Yan Chen

| 2011.08 – 2015.06 | College of Computer Science and Technology | Harbin Engineering University | Bachelor |

✦ **Ranking**：2/159   **GPA**：3.63/4.00   **Score**：91.19

Experience

| 2018.06 | **IEEE/ACM IWQoS 2018   Banff, Canada   Paper Presentation** |

| 2016.05 – 2016.09 | **Internship at Cisco** |

✦ Developed an SDN controller, used for deploying and managing network for Enterprise Data Center (Alibaba)

| 2014.06 – 2014.08 | **Internship at Dalian Neusoft** |

✦ Developed a LAN Messaging APP, realizing multiuser instant messaging in LAN

| 2015.09 – 2016.06 | **Minister of Postgraduate Association in CS. ZJU** |

| 2013.09 – 2014.06 | **Vice-President of Student Union in CS. HEU** |

Skills

Basic course: Algorithm, Data Structure, Discrete Mathematics, OS
Language: Java, Python, C, C++, HTML, MySQL

Honors

2017.12	Award of Honor for Graduate (ZJU)
2016.12	Outstanding Graduate Leader Award (ZJU)
2015.12	Excellent Athlete (CS. ZJU)
2015.06	Excellent Graduate (HEU)
2014.06	Triple-A Student of Heilongjiang Province
2014.01	Excellent Volunteer of the 6th International Snow Sculpture Competition of College Students
2013.10	Pacemaker to Merit Student of HEU (10/12000)
2012, 2013.10	Advanced Individual of Summer Social Practice in HEU (2 times)
2013.05	Outstanding Youth League Cadre (HEU)
2012, 2013, 2015.05	Outstanding Youth League Member in HEU (3 times)

Awards

2012.12	National Scholarship
2015.05	BaoLongDa Scholarship
2011-2015	First-Class Scholarship of HEU (7 times)
2014.10	National Innovation Research Project for College Student
2014.06	**Second-class Award** in Heilongjiang Province of the 9th "BoChuang Cap" National College Students' Embedded IoT Design Competition
2014.06	**Excellence Award** of the 5th "LanQiao Cap" National Competition for Software and Information Technology
2013.11	**First-class Award** of the 19th Science and Technology Innovation Competition of HEU

2013.09	**Third-class Award** of the 7th National College Students' IoT Innovation and Entrepreneurship Competition
2013.08	**Third-class Award** of the 3rd "SaiBaiTe Cap" National College Students' IoT Design Competition

Project

2017.07 – 2020.12   **The 13th Five-year, National Key R&D Program of China, Special of Cyberspace Security**
- ✦ Responsible for project application and implementation as a core member
- ✦ Responsible for the design and implementation of active defense mechanism in SDN/NFV

2017.07 – 2020.06   **Key Research and Development Plan of Zhejiang Province**
- ✦ Responsible for project application and implementation as a core member
- ✦ Responsible for the design and implementation of active defense mechanism in SDN-based Cloud

2017.03 – 2018.03   **SDNKeeper**
- ✦ A lightweight access control system for protecting and managing resources for SDN-based Cloud
- ✦ Controlling network deployment and accessing requests to defense unauthorized attack

2015.03 – 2017.04   **RuleScope**
- ✦ A detetion and troubleshoot method for Priority fault and Missing fault in SDN flow tables
- ✦ **Develop Environment**：Ryu Controller, Mininet, Python

2014.08 – 2014.09   **LAN Instant Messaging Software**
- ✦ Realize function of register, login, chat and record storage.
- ✦ **Key Technology**：SOCKET, Multithreading Concurrency, File Storage

2014.06 – 2014.07   **Hotel Guestroom Management System**
- ✦ Realize management of rooms, including UI and backstage
- ✦ **Key Technology**：struts2 Framework、MVC architecture、MySQL、JAVA

Publication

1. **Xue Leng**, Kaiyu Hou, Yan Chen, Kai Bu, Libin Song, "SDNKeeper: Lightweight Resource Protection and Management System for SDN-based Cloud." in Proc. of IEEE/ACM International Symposium on Quality of Service (**IWQoS**) Banff, Alberta, Canada, June 4-6, 2018.

2. Xitao Wen, Kai Bu, Bo Yang, Yan Chen, Li Erran Li, Xiaolin Chen, Jianfeng Yang, **Xue Leng**, "RuleScope: Inspecting Forwarding Faults for Software-Defined Networking", in ACM/IEEE Transaction on Networking (**ToN**), Volume 25, Issue 4, Aug. 2017.

Activity

2015.10	Javelin and 4x100 Relay in School Sports Meeting of ZJU
2015.12	Open dance performance in New Year Party of CS. ZJU
2014.01	Volunteer of the 6th International Snow Sculpture Competition of College Students
2012.07	Three-dimension Social Practice of HEU----Linxi County, Chifeng, Inner Mongolia
2013.07	Three-dimension Social Practice of HEU----Tailai County, Qiqihar, Heilongjiang
2011.12	Art Show of HEU