

Jianyu Zhan

nasa4836@gmail.com

Education

Sun Yat-Sen University, Guangzhou, China

2008.9 - 2012.6

Bachelor, Statistics, Mathematics School, GPA 3.2/4.0

Work Experience

► Deep learning Open-source project: OpenNMT-py collaborator

part time

Working with Prof. Alexander Rush from Harvard University, I help maintain the pytorch-based project OpenNMT-py(<https://github.com/OpenNMT/OpenNMT-py>), a dl framework specialized in sequence-to-sequence models. I am currently one of the three regular contributors.

► Tencent, Shanghai, China

2016.6 - now

Working at Keen Security Lab, focusing on Android/Linux vulnerability mining/exploitation research.

► Dell EMC, Beijing, China

2014.6 - 2016.5

Linux kernel engineer in a system group, performed system maintenance and performance tuning.

► Open-source Communities Developer

2013.9 - 2014.6

Contributed code

- Linux Kernel Project:

Patches: <https://git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git/log/?qt=author&q=Jianyu+Zhan>

- Wine Project:

Patches: <http://goo.gl/18shPk>

- ReactOS Project:

Patch: <http://goo.gl/kbe71l>, <http://goo.gl/77lse3>

► A Start-up Mobile Internet Company, Guangzhou, China

2012.7 - 2014.1

Software Engineer

Research Experience

Tencent Keen Security Lab, Shanghai, China

2016.6 - now

Working in this top-notch security research lab in China, I am with my colleagues researching on mining and exploiting system exploitable vulnerabilities in Android/Linux system.

I am also working on system vulnerability mitigation research, and maintaining a project(~7k lines of C and other languages), which is used in a product of our company that serves tens of millions of users.

Machine Learning Skills

Have learned a Machine Learning textbook, by Prof. Zhihua Zhou, in Chinese.

Haved learned part I and II of Deeplearning Book, by Ian GoodFellow and Yoshua Bengio.

Majored in Statistics, had acquired a systematic mathematics training.

Computer Engineering Skills

Solid understanding of system underlying knowledge, esp. Linux kernel.

C/C++, 10,000+ lines of code experience.

Haskell, 2,000+ lines of code experience.

bash/python, 5,000+ lines of code experience.

x86/arm assembly, 1,000+lines of code experience.

Misc

Good English skill, GRE 325 + 3.5, ToEFL 99.

Maintaining a blog(in Chinese): <http://larmbr.com/>.