

# Zinan Lin

4720 Forbes Avenue, CIC 2119B – Pittsburgh, PA 15213 – USA

+1 (412) 320 3029 • [zinanl@andrew.cmu.edu](mailto:zinanl@andrew.cmu.edu)  
[www.andrew.cmu.edu/user/zinanl/](http://www.andrew.cmu.edu/user/zinanl/) • [fjxmlzn](#)

## Education

<b>Tsinghua University</b> <i>Bachelor of Engineering, Department of Electronic Engineering</i> Grade: 92/100, Rank: 5/195	<b>Beijing, China</b> 2013–2017
<b>Carnegie Mellon University</b> <i>Ph.D. Candidate, Department of Electrical and Computer Engineering</i> Advisors: Giulia Fanti and Vyas Sekar	<b>Pittsburgh, PA, USA</b> 2017–Present

## Research Experience

<b>Tsinghua University</b> <i>Undergraduate Thesis, Advisor: Yongfeng Huang</i> RNN-SM: Fast Steganalysis of VoIP Streams Using Recurrent Neural Network	<b>Beijing, China</b> Dec. 2016–Jun. 2017
<b>University of California, Santa Barbara</b> <i>Visiting Research Assistant, Advisor: Ben Zhao</i> Large Scale Automatic Sybil Attacks and Vulnerability Measurement on Mobile Services	<b>Santa Barbara, CA, USA</b> Jun. 2016–Sep. 2016

## Work Experience

<b>Luogu Website (<a href="http://www.luogu.org">www.luogu.org</a>)</b> <i>Cofounder and Developer</i> One of the biggest online judges in China	<b>China</b> 2013–Present
<b>Microsoft Research Asia</b> <i>Research Intern</i> Empirical study of neural network optimization methods	<b>Beijing, China</b> Mar. 2017–Jun. 2017

## Honors and Awards

<b>CMU Presidential Fellowship</b> , granted by Carnegie Mellon University	2017
<b>Outstanding Undergraduate Thesis</b> , granted by Tsinghua University	2017
<b>Meritorious Winner</b> , COMAP's Mathematical Contest in Modeling	2015, 2016, 2017
<b>National Scholarship</b> , granted by the government of China	2014, 2015, 2016

## Skills

---

### Programming Languages.....

C, C++, Java, Python, (Visual) Basic, Pascal, Haskell, MATLAB, Mathematica, PHP, JavaScript, HTML, CSS, SQL, Verilog, Assembly, bash, shell,  $\LaTeX$ , etc.

### Machine Learning Frameworks.....

TensorFlow, Theano, Keras, Blocks, CNTK, etc.

## Publications

---

- [1] **Zinan Lin**, Ashish Khetan, Giulia Fanti, and Sewoong Oh. PacGAN: The power of two samples in generative adversarial networks. *arXiv preprint arXiv:1712.04086*, 2017.