# Zinan Lin

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## Education

**Tsinghua University**                                                     **Beijing, China**
*Bachelor of Engineering, Department of Electronic Engineering*                *2013–2017*
Grade: 92/100, Rank: 5/195

**Carnegie Mellon University**                                           **Pittsburgh, PA, USA**
*Ph.D. Candidate, Department of Electrical and Computer Engineering*           *2017–Present*
Advisors: Giulia Fanti and Vyas Sekar

## Research Experience

**Tsinghua University**                                                     **Beijing, China**
*Undergraduate Thesis, Advisor: Yongfeng Huang*                       *Dec. 2016–Jun. 2017*
RNN-SM: Fast Steganalysis of VoIP Streams Using Recurrent Neural Network

**University of California, Santa Barbara**                         **Santa Barbara, CA, USA**
*Visiting Research Assistant, Advisor: Ben Zhao*                       *Jun. 2016–Sep. 2016*
Large Scale Automatic Sybil Attacks and Vulnerability Measurement on Mobile Services

## Work Experience

**Luogu Website (www.luogu.org)**                                                  **China**
*Cofounder and Developer*                                                     *2013–Present*
One of the biggest online judges in China

**Microsoft Research Asia**                                                 **Beijing, China**
*Research Intern*                                                     *Mar. 2017–Jun. 2017*
Empirical study of neural network optimization methods

## Honors and Awards

**CMU Presidential Fellowship**, granted by Carnegie Mellon University              *2017*
**Outstanding Bachelor Thesis**, granted by Tsinghua University                    *2017*
**Meritorious Winner**, COMAP's Mathematical Contest in Modeling         *2015, 2016, 2017*
**National Scholarship**, 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.