

# Wentao Zhu

Department of Computer Science  
Peking University  
Haidian, Beijing  
P.R.China 100871

Email: [walter@pku.edu.cn](mailto:walter@pku.edu.cn)  
Website: [walter0807.github.io](http://walter0807.github.io)

## EDUCATION

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|-----------------|---|
| 2016.9 - 2020.6 | B.S. Computer Science, School of EECS, Peking University          |
| 2017.9 - 2020.6 | B.S. Economics, National School of Development, Peking University |
| 2018.6 - 2018.8 | Visiting Student, Stanford University                             |

## PROJECTS

- |                  |   |
|------------------|---|
| 2019.2 - Now     | <b>Human Video Generation with Pose Guidance</b><br><i>Collaborator: Wayne Wu, Chen Qian</i> <ul style="list-style-type: none"><li>- Research Internship at SenseTime Research</li><li>- Propose novel generation pipeline to balance computation cost and effect</li><li>- Introduce better pose representation and multi-modal supervision</li></ul>  |
| 2018.11 - Now    | <b>Measuring Disentanglement of Semantic Coding in Deep Visual Representations</b><br><i>Collaborator: Bolei Zhou, Yiyou Sun</i> <ul style="list-style-type: none"><li>- Research Internship at Multimedia Lab of CUHK</li><li>- Quantitatively evaluate and improve the degree of neural disentanglement</li><li>- Demonstrate that disentangled representation is important for generalization.</li></ul> |
| 2018.2 - 2018.4  | <b>Interactive Logic Circuit Design</b> <ul style="list-style-type: none"><li>- Apple Scholarship awarded project</li><li>- Develop an interactive surface for logic circuit design on iOS devices</li><li>- Invited to Apple Worldwide Developers Conference 2018, San Jose</li></ul>  |
| 2017.4 - 2017.11 | <b>Genetic Sequential Logic Circuit Programming</b><br><i>Collaborator: Team Peking, advised by Chang-Jiang Prof. Qi Ouyang</i> <ul style="list-style-type: none"><li>- Design a framework for genetic sequential logic circuit programming</li><li>- Implement algorithms for genetic circuit optimization</li><li>- Won Gold Medal at iGEM 2017</li></ul>   |

## SELECTED COURSES

3.73/4.00	<i>Algorithm Design and Analysis</i> , PKU
3.97/4.00	<i>Leading Edge of Artificial Intelligence and Industry Trend</i> , PKU
3.85/4.00	<i>Computer Vision and Deep Learning</i> , PKU
4.30/4.00	<i>Introduction to Scientific Computing</i> , Stanford MATH 114
4.00/4.00	<i>Data Mining and Analysis</i> , Stanford STATS 202
4.30/4.00	<i>Introduction to High Performance Computing</i> , Stanford ME 344
4.00/4.00	<i>Computer Networks</i> , CUHK IERG 3310

## AWARDS

2017.11	Gold Medal, International Genetically Engineered Machine Competition
2018.2	Meritorious Winner, COMAP's Interdisciplinary Contest in Modeling
2018.6	WWDC18 Scholarship, Apple Inc.
2018.10	Sino Scholarship, Peking University

## TEST SCORES

2018.1	TOEFL 110
2018.8	IELTS 7.5

## SKILLS AND METHODS

### Programming

C, C++, Python, MATLAB, R, Swift, HTML, Javascript, Java, T<sub>E</sub>X

### Frameworks

Tensorflow, Keras, PyTorch

### Language

Mandarin Chinese (native), English (proficient), Cantonese(elementary), French(elementary)

Updated April 2019