Wentao Zhu

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EDUCATION

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   **Human Video Generation with Pose Guidance**
Collaborator: Wayne Wu, Chen Qian
- Research Internship at CUHK-SenseTime joint Research
- Propose novel generation pipeline to balance computation cost and effect
- Introduce better pose representation and multi-modal supervision

2018.11 - Now   **Measuring Disentanglement of Semantic Coding in Deep Visual Representations**
Collaborator: Prof. Bolei Zhou, Yiyou Sun
- Research Internship at Multimedia Lab, the Chinese University of Hong Kong
- Quantitatively evaluate the disentanglement of deep representation
- Demonstrate that disentangled representation is important for generalization.
- **Under Review, 2019**

2018.2 - 2018.4   **Interactive Logic Circuit Design**
- Apple WWDC Scholarship awarded project
- Develop an interactive surface for logic circuit design on iOS devices
- **Invited to Apple Worldwide Developers Conference 2018, San Jose**

2017.4 - 2017.11   **Genetic Sequential Logic Circuit Programming**
Core member in Team Peking, advised by Chang-Jiang Prof. Qi Ouyang
- Design a framework for genetic sequential logic circuit programming
- Implement algorithms for genetic circuit optimization
- **Won Gold Medal at iGEM 2017**

SELECTED COURSES

3.73/4.00   *Algorithm Design and Analysis,* PKU

3.97/4.00   *Leading Edge of Artificial Intelligence and Industry Trend,* PKU

3.85/4.00   *Computer Vision and Deep Learning,* PKU

4.30/4.00   *Introduction to Scientific Computing,* Stanford MATH 114

4.00/4.00   *Data Mining and Analysis,* Stanford STATS 202

4.30/4.00   *Introduction to High Performance Computing,* Stanford ME 344

4.00/4.00   *Computer Networks,* CUHK IERG 3310

SKILLS AND METHODS

Programming

C, C++, Python, MATLAB, R, Swift, HTML, Javascript, Java, TEX

Frameworks

PyTorch, Keras, Tensorflow

Language Test Scores

2018.1   TOEFL 110

2018.8   IELTS 7.5

AWARDS AND HONORS

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

Updated April 2019