

XIJIE HUANG

Shanghai Jiao Tong University, 800 Dongchuan Rd. Minhang, Shanghai, China . 200240

otaku_huang@sjtu.edu.cn [HomePage](#)

EDUCATION

Shanghai Jiao Tong University

Sept 2016 - Present

Undergraduate, School of Electronics, Information and Electrical Engineering

Major in Measurement and Control Technology and Instrument, Minor in Computer Science

Overall GPA: 88.88/100 (3.79/4.3) TOEFL: 105(R27, L27, S23, W28) GRE:323+3.0(V153, Q170)

Advisors: [Prof.Cewu Lu](#), Machine Vision and Intelligence Group

[Prof.Manhua Liu](#), Department of Instrument Science and Engineering

[Prof.Songchun Zhu](#), University of California, Los Angeles

TECHNICAL STRENGTHS

Languages & Framework

C/C++, MATLAB, Python, Java, TensorFlow, Caffe, PyTorch

RESEARCH EXPERIENCE

IIoT Research Center, Department of Electrical Engineering

June 2017 - Sept 2017

Undergraduate Research

- Analysis on information of social network to build connections profile of users
- Optimization of jieba word segmentation framework and Obtain data using web crawler

Machine Vision and Intelligence Group

Sept 2017 - Present

Undergraduate Research

- Research in computer vision & robotic, particularly in human-object interaction learning, pose estimation and 3D reconstruction
- Building state-of-the-art datasets of human-object interaction
- One preprints on [arxiv](#), one paper accepted as poster in CVPR 2019 (co-author)

PUBLICATIONS

Transferable Interactiveness Knowledge for Human-Object Interaction Detection

Yonglu Li, Siyuan Zhou, **Xijie Huang**, Liang Xu, Ze Ma, Haoshu Fang, Cewu Lu

CVPR2019

HAKE: Human Activity Knowledge Engine

Yong-Lu Li, Liang Xu, **Xijie Huang**, Xinpeng Liu, Ze Ma, Mingyang Chen, Shiyi Wang, Hao-Shu Fang, Cewu Lu

ACADEMIC ACHIEVEMENTS

National Scholarship (Top 2% students), Ministry of Education of P.R.China. 2017.

A Class Scholarship (Top 2% students), Shanghai Jiao Tong University. 2017

Endress+Hauser Scholarship, Endress+Hauser Inc. 2018.

B Class Scholarship (Top 10% students), Shanghai Jiao Tong University. 2018

First Prize in [TIDY UP MY ROOM CHALLENGE — ICRA 2018](#) (Member of Kaibot Team)

Second Prize in China Undergraduate Mathematical Contest in Modeling, Shanghai Division. 2017

[Meritorious Winner](#) in Mathematical Contest In Modeling & Interdisciplinary Contest In Modeling, Comap. 2018