

# XIJIE HUANG

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

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## EDUCATION

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### 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

## TECHNICAL STRENGTHS

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### Languages & Framework

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

## RESEARCH EXPERIENCE

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### 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 in submission to CVPR 2019 (co-author)

## PUBLICATIONS

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### Transferable Interactiveness Knowledge for Human-Object Interaction Detection

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

*CVPR2019 Poster*

**One Paper in Submission to ICCV 2019**

## ACADEMIC ACHIEVEMENTS

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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