

JUNFU PU

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EDUCATION

Sept. 2015 - present

Hefei, Anhui, China

Ph.D Candidate in Signal and Information Processing

University of Science and Technology of China (**USTC**)

Dept. of Electronic Engineering and Information Science (**EEIS**)

Aug. 2011 - Jun. 2015

Hefei, Anhui, China

Bachelor of Engineering in Electronic Information Engineering

University of Science and Technology of China (**USTC**)

School of the Gifted Young (**SCGY**) GPA: 3.27/4.3

RESEARCH INTERESTS

Computer Vision, Sign Language Recognition

RESEARCH EXPERIENCE

- **Research Assistant**

Sept. 2015 - present

Department of Electronic Engineering and Information Science,
University of Science and Technology of China.

Supervisor: **Prof. ZHOU Wengang** and **Prof. LI Houqiang**

- **Research Intern**

Aug. 2016 - Nov. 2016

National Institute of Informatics (**NII**), Tokyo, Japan.

Supervisor: **Prof. Shin'ichi Satoh**

HONORS

- SuZhouGongYe Scholarship Oct. 2017
- **National Scholarship (Top 5% in Master or Ph.D students)** Oct. 2016
- Scholarship for Excellent Students, USTC Mar. 2015 & Oct. 2011
- Guanghua Scholarship, USTC Nov. 2012

PROJECT

- **Sign Language Recognition**

Mar. 2015 - present

- Focus on the algorithms of isolated and continuous sign language recognition.
- Develop a Kinect based isolated sign language recognition system.

SKILLS

- Proficient: Python, Matlab
- Limited experience: C/C++, C#
- Tools: Caffe, Tensorflow

PUBLICATIONS

- **Junfu Pu**, Wengang Zhou, and Houqiang Li. Dilated Convolutional Network with Iterative Optimization for Continuous Sign Language Recognition. (Submitted to IJCAI, 2018).
- Min Wang, Wengang Zhou, Qi Tian, **Junfu Pu**, and Houqiang Li. Deep Supervised Quantization by Self-Organized Map. ACM Multimedia (Full paper), 2017.
- **Junfu Pu**, Yusuke Matsui, Fan Yang, and Shin'ichi Satoh. Energy Based Fast Event Retrieval in Video with Temporal Match Kernel. International Conference on Image Processing (ICIP), 2017.
- **Junfu Pu**, Wengang Zhou, and Houqiang Li. Sign Language Recognition with Multi-modal Features. Pacific-Rim Conference on Multimedia (PCM), 2016.
- **Junfu Pu**, Wengang Zhou, Jihai Zhang, and Houqiang Li. Sign Language Recognition Based on Trajectory Modeling with HMMs. International Conference on Multimedia Modeling (MMM), 2016.
- Jihai Zhang, Wengang Zhou, Chao Xie, **Junfu Pu**, and Houqiang Li. Chinese Sign Language Recognition with Adaptive HMM. International Conference on Multimedia and Expo (ICME), 2016.