

# JUNFU PU

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## EDUCATION

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| <b>Sept. 2015 - present</b><br><b>Ph.D Candidate</b> in Signal and Information Processing<br>University of Science and Technology of China ( <b>USTC</b> )<br>Dept. of Electronic Engineering and Information Science ( <b>EEIS</b> )  | <b>Hefei, Anhui, China</b> |
| <b>Aug. 2011 - Jun. 2015</b><br><b>Bachelor of Engineering</b> in Electronic Information Engineering<br>University of Science and Technology of China ( <b>USTC</b> )<br>School of the Gifted Young ( <b>SCGY</b> )      GPA: 3.27/4.3 | <b>Hefei, Anhui, China</b> |

## RESEARCH INTERESTS

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Computer Vision, Vision and Language, Sign Language Recognition

## RESEARCH EXPERIENCE

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| <ul style="list-style-type: none"><li>• <b>Research Assistant</b><br/>Department of Electronic Engineering and Information Science,<br/>University of Science and Technology of China.<br/>Supervisor: <b>Prof. ZHOU Wengang</b> and <b>Prof. LI Houqiang</b></li><li>• <b>Research Intern</b><br/>National Institute of Informatics (<b>NII</b>), Tokyo, Japan.<br/>Supervisor: <b>Prof. Shin'ichi Satoh</b></li></ul> | <b>Sept. 2015 - present</b><br><br><br><br><br><b>Aug. 2016 - Nov. 2016</b> |
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## HONORS

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| <ul style="list-style-type: none"><li>• SuZhou Scholarship</li><li>• <b>National Scholarship (Top 5%</b> in Master or Ph.D students)</li><li>• Scholarship for Excellent Students, USTC</li><li>• Guanghua Scholarship, USTC</li></ul> | <br><br>Oct. 2017<br>Oct. 2016<br>Mar. 2015 & Oct. 2011<br>Nov. 2012 |
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## PROJECT

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| <ul style="list-style-type: none"><li>• <b>Sign Language Recognition</b><ul style="list-style-type: none"><li>– Focus on the algorithms of isolated and continuous sign language recognition.</li><li>– Develop a Kinect based isolated sign language recognition system.</li></ul></li><li>• <b>Demo for Isolated Sign Language Recognition</b><ul style="list-style-type: none"><li>– Demo with C# Implementation for Isolated SLR.</li></ul></li></ul> | <b>Mar. 2015 - present</b><br><br><br><br><br><b>Jun. 2016 - Aug. 2016</b> |
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## SKILLS

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

## PUBLICATIONS

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- **Junfu Pu**, Wengang Zhou, and Houqiang Li. Dilated Convolutional Network with Iterative Optimization for Continuous Sign Language Recognition, International Joint Conference on Artificial Intelligence (IJCAI), 2018.

- Min Wang, Wengang Zhou, Qi Tian, **Junfu Pu**, and Houqiang Li. Deep Supervised Quantization by Self-Organized Map. ACM Multimedia (MM, Long 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.