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# KATSUNORI OHNISHI

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## address:

7-3-1 Hongo  
Bunkyo-ku, Tokyo,  
Japan  
+81-3-5841-8987

## Education

**M.S. in Information Science and Technology, University of Tokyo**

**April 2015 - Present**

Theme: Action Recognition, Egocentric Vision

**B.S. in Mechano-Infomatics, University of Tokyo**

**April 2011 - March 2015**

Thesis: Robust Ego-Activities Detection of Daily Living in Diversity  
Environment with a Wrist-mounted Camera (Prof. T. Harada)

## Work Experience

**Algorithm Developer in Medical Image Processing    June 2015 - Present**

Ziosoft, Inc., Tokyo

Topic: Automatic recognition from MR image and CT image

**Teaching Assistant, "Real world recognition"**

**October 2015**

The University of Tokyo

**Research Intern**

**August 2015**

NTT Corporation: NTT Communication Science Laboratories, Kyoto

Theme: Speech recognition with Network in Network, under the  
supervision of Dr. T. Yoshioka

**Preparatory School Teacher**

**April 2012 - March 2014**

Sundai Preparatory School, Tokyo

Personal Teaching: Mathematic, Physics, and Chemistry for junior high  
school and high school student

## Publications

[1] Takuya Yoshioka, **Katsunori Ohnishi**, Fuming Fang, and Tomohiro Nakatani, "Noise Robust Speech Recognition Using Recent Developments in Neural Networks for Computer Vision," ICASSP, 2015.

[2] **Katsunori Ohnishi**, Atsushi Kanehira, Asako Kanezaki, and Tatsuya Harada, "Recognizing Activities of Daily Living with a Wrist-mounted Camera," arXiv, 2015.

## Competition

[1] ILSVRC 2015 in conjunction with ICCV 2015 (**invited poster**)

the 3rd place in the task 1b: Object detection with additional training data

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Masataka Yamaguchi, Qishen Ha, **Katsunori Ohnishi**, Masatoshi Hidaka,  
Yusuke Mukuta, Tatsuya Harada

[2] THUMOS Challenge 2015 in conjunction with CVPR 2015

the *9th* place in the task 1: action classification

**Katsunori Ohnishi** and Tatsuya Harada

### **Skills**

**Technical Skills:** Matlab (50%), Python (45%), C++ (5%)

**Embedded Systems:** Arduino

**Toolkits/Frameworks:** Chainer, Caffe, OpenCV

**Interests & Activities:** Baseball, Fencing

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