

Katsunori Ohnishi

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EDUCATION

The University of Tokyo, Japan

M.S. in Information Science and Technology

April 2015 - Present

B.S. in Mechano-Infomatics

April 2011 - March 2015

Thesis: Recognizing Activities of Daily Living with a Wrist-mounted Camera
(Prof. Tatsuya Harada)

RESEARCH HISTORY

Egocentric Activity Recognition

April 2014 - Present

- Recognizing Activities of Daily Living with wrist-mounted camera
- Please see attached the paper (unpublished).

Activity Recognition in Videos

May 2015 - June 2015

- Recognizing a large number of action categories from videos
- Joined THUMOS Challenge 2015 (in conjunction with CVPR'15)

Large Scale Visual Recognition

September 2015 - Present

- Scheduled to join ILSVRC Challenge 2015
- Dealing with localization task (task 2).

WORK HISTORY

Algorithm Developer in Medical Image Processing

June 2015 - Present

Ziosoft, Inc., Tokyo

Topic: Inner and outer Fat extraction from MR image, Vertebra Labeling from CT image

Research Intern

August 2015

NTT Corporation: NTT Communication Science Laboratories, Kyoto

Theme: Speech recognition with Network in Network

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

International Conferences (without peer review)

Katsunori Ohnishi and Tatsuya Harada, “**MIL-UTokyo at THUMOS Challenge 2015**”, CVPR THUMOS Challenge, Boston, 2015.

Domestic Conferences

Katsunori Ohnishi and Tatsuya Harada, “**Recognizing Activities of Daily Living with a Wrist-mounted Camera**”, IPSJ COMPUTER VISION AND IMAGE MEDIA (CVIM), vol. 198, no. 19, pp. 103-110, Ehime, 2015. (in Japanese)

RELEVANT COMPUTER SKILLS

Technical Skills: Matlab, Python, C++

Embedded Systems: Arduino

Toolkits/Frameworks: Chainer, Caffe, OpenCV

Interests & Activities: Baseball, Fencing