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

RESEARCH HISTORY

Egocentric Activity Recognition   April 2014 - Present
- Egocentric activity recognition
- Recognizing Activities of Daily Living with a Wrist-mounted Camera (arXiv)

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)

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, under the supervision of Dr. Takuya 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

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

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

RELEVANT COMPUTER SKILLS

Technical Skills: Matlab (50%), Python (45%), C++ (5%)
Embedded Systems: Arduino
Toolkits/Frameworks: Chainer, Caffe, OpenCV
Interests & Activities: Baseball, Fencing