

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. 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

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, Python, C++

Embedded Systems: Arduino

Toolkits/Frameworks: Chainer, Caffe, OpenCV

Interests & Activities: Baseball, Fencing