

Yumin Suh

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RESEARCH INTERESTS Computer vision and machine learning, especially graph matching, human pose estimation, and structured prediction

EDUCATION [Seoul National University](#), Seoul, Korea

Ph.D., Electrical Engineering Mar 2014 – Present
Advisor: [Prof. Kyoung Mu Lee](#)

M.S., Electrical Engineering and Computer Science Mar 2011 – Feb 2013
Thesis: Graph Matching via Sequential Monte Carlo
Advisor: [Prof. Kyoung Mu Lee](#)

B.S., Electrical Engineering Mar 2007 – Feb 2011
Thesis: CMOS Interface Circuit Design for Silicon Photonics Device
Advisor: Prof. Deog-Kyoon Jeong

PUBLICATION **Yumin Suh** and Kyoung Mu Lee, “Appearance Dependent Inter-Part Relationship for Human Pose Estimation”, Asia Pacific Signal and Information Processing Association Conference (APSIPA) 2016.

Ho Yub Jung, **Yumin Suh**, Gyeongsik Moon, and Kyoung Mu Lee, “Sequential Approach for 3D Human Pose Estimation: Separation of Localization and Identification of Body Joints”, European Conference on Computer Vision (**ECCV**), 2016.

Kamil Adamczewski, **Yumin Suh**, Kyoung Mu Lee, “Discrete Tabu Search for Graph Matching”, International Conference on Computer Vision (**ICCV**), 2015.

Yumin Suh, Kamil Adamczewski, Kyoung Mu Lee, “Subgraph Matching Using Compactness Prior For Robust Feature Correspondence”, Conference on Computer Vision and Pattern Recognition (**CVPR**), 2015.

Jungmin Lee, **Yumin Suh**, and Kyoung Mu Lee, “Energy Formulation for Effective Subgraph matching”, Workshop on Image Processing and Image Understanding, 2013

Yumin Suh, Minsu Cho, and Kyoung Mu Lee, “Graph Matching via Sequential Monte Carlo”, European Conference on Computer Vision (**ECCV**), 2012

Minju Kim, **Yumin Suh**, Daeseob Lim, Issac Rhim, Kyoung-Wan Choi, and Sang-Hun Lee, “Roles of Time Hazard in Perceptual Decision Making under High Time Pressure”, *i-Perception* 2(4), 2011

EXPERIENCE *Intern* Dec 2014 – Jun 2015
Inria WILLOW group, Paris, France

- Participated in project Structured Output CNN for Human Pose Estimation

Research Assistant May 2013 – Feb 2014
Automation and Systems Research Institute, Seoul National University

- Participated in project Joint Modeling of Human Pose and Action in Video

Teaching Assistant Sep 2012 – Dec 2012
Department of Electrical Engineering and Computer Science, Seoul National University

- Electrical Electronic Engineering Design and Lab Introduction to computer vision

Research Assistant Sep 2010 – Dec 2010
Vision Neuroimaging Lab., Department of Brain and Cognitive Science, Seoul National University

- Participated in the project Roles of time hazard in perceptual decision making under high time pressure University

Intern Jun 2009
Samsung Mobile Display

**HONORS
AND
SCHOLARSHIPS**

Graduate Scholarship Sep 2011 - Present
Korea Foundation for Advanced Studies (KFAS), Korea

Graduated with honors (Summa cum laude) Feb 2011
Department of Electrical Engineering, Seoul National University

National Presidential Science Scholarship 2007 – 2010
Korean Government

Samsung JFL scholarship 2005

SKILLS

C, C++, MATLAB, python, lua, L^AT_EX