

Daeyun Shin

Curriculum Vitae

Graduate Student
Department of Computer Science
University of California, Irvine
E-mail: daeyuns@uci.edu
URL: <http://research.dshin.org/>

8102 Palo Verde Rd.
Irvine, CA 92617
+1 (207) 200-7446

Research Interests

My research interests are in artificial intelligence at the intersection of computer vision and graphics. I am interested in 3D scene understanding and unsupervised learning.

Education

Sept 2017 – present	Ph.D. in Computer Science, University of California, Irvine
Aug 2015 – Jul 2017	M.S. in Computer Science, University of Illinois at Urbana-Champaign
Aug 2011 – May 2015	B.S. in Computer Science, University of Illinois at Urbana-Champaign

Publications

- [1] D. Shin, C. Fowlkes, and D. Hoiem, “Pixels, voxels, and views: A study of shape representations for single view 3d object shape prediction,” in *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2018.
- [2] T. Gupta, D. Shin, N. Sivagnanadasan, and D. Hoiem, “3dfs: Deformable dense depth fusion and segmentation for object reconstruction from a handheld camera,” *ArXiv:1606.05002*, 2016.
- [3] J. Rock, T. Gupta, J. Thorsen, J. Gwak, D. Shin, and D. Hoiem, “Completing 3D object shape from one depth image,” in *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2015.

Employment

Since Sept 2017	Research Assistant , CS Department Irvine, IL – 3D vision research with Prof. Charless Fowlkes.
Aug 2016 – Jul 2017	Research Assistant , CS Department Urbana, IL – 3D vision research with Prof. Derek Hoiem.
May 2016 – Aug 2016	Google Inc. , Software Engineering Intern New York, NY – Worked on registering handwritten strokes to skeletonized images for an unreleased product.
Aug 2015 – May 2016	Teaching Assistant , CS Department Urbana, IL – Computational Photography (CS 445), Applied Machine Learning (CS 498 DF)
May 2015 – Aug 2015	Google Inc. , Software Engineering Intern Pittsburgh, PA – Display/Video Ads team.
May 2014 – Aug 2014	Amazon Web Services , Software Engineering Intern Palo Alto, CA – Software development with WorkDocs team.
May 2013 – Aug 2013	Amazon.com , Software Engineering Intern Seattle, WA – Worked on face detection for internal video-based surveillance software.

Activities

Aug 2013	ACM-ICPC , Competed in Mid-Central USA. 4/8 problems.
----------	--