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Taesung Park

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https://taesung.me

Education

UC Berkeley | Berkeley, CA 2016-

Ph.D. in Computer Science. Advisor: Alexei Efros
Research in Computer Vision and Unsupervised Learning

Stanford University | Stanford, CA 2007-2013

Master of Science, Department of Computer Science
Dual Concentration in Real-World Computing and Artificial Intelligence
Distinction in Research, GPA 4.0

Bachelor of Science, Department of Mathematics
Graduated with Distinction, Major GPA 4.0
Minor in Computer Science, Minor GPA 4.0

Research Paper, Reports, and Posters

Taesung Park, Ming-Yu Liu, Ting-Chun Wang, and Jun-Yan Zhu. “Semantic Image Synthesis with Spatially-Adaptive Normalization”, *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2019. (CVPR Best Paper Finalist, SIGGRAPH RTL Best Demo and People’s Choice Award)

Judy Hoffman, Eric Tzeng, **Taesung Park**, Jun-Yan Zhu, Phillip Isola, Kate Saenko, Alexei Efros, Trevor Darrell, “CyCADA: Cycle-Consistent Adversarial Domain Adaptation”, *International Conference on Machine Learning (ICML)*, 2018

Jun-Yan Zhu*, **Taesung Park***, Phillip Isola, and Alexei A. Efros. "Unpaired Image-to-Image Translation using Cycle-Consistent Adversarial Networks", *IEEE International Conference on Computer Vision (ICCV)*, 2017. (* indicates equal contributions)

Taesung Park, Sergey Levine. Inverse Optimal Control for Humanoid Locomotion. *Robotics Science and Systems (RSS) Workshop on Inverse Optimal Control & Robotic Learning from Demonstration.* 2013.

Taesung Park. Automatic 3D Character Animation Using Inverse Reinforcement Learning. *Master’s thesis, Stanford University Department of Computer Science.* 2013

Employment

Adobe, Research Intern | San Francisco, CA 2019
Learning-based Image Generation

NVIDIA, Research Intern | Santa Clara, CA 2018
Semantic Image Synthesis using Generative Adversarial Network.
Featured at GTC 2019. SIGGRAPH’19 RTL Best Demo and People’s Choice Award

TmaxSoft, Junior Researcher | Seongnam, South Korea 2013-2016
Leader of the GUI Framework Development Team for a new OS on Unix environment
Fulfills the South Korean Military Service duty

Stanford MS Student Research with Prof. Vladlen Koltun | Stanford, CA 2012-2013
Research in humanoid locomotion using machine learning
Focus in autonomous control, reinforcement learning and inverse optimal control

Microsoft, SDE Intern | Redmond, WA 2011
Development of a new asset classification scheme using machine learning
Given a full-time job offer at the end of the internship

Stanford Undergrad Student Research with Prof. Marc Levoy | Stanford, CA Summer 2010
Research on synthetic panning shots in computational photography

Teaching & Services

Organizer, ICCV Workshop on Image and Video Synthesis | Seoul, Korea 2019
Organized a full day workshop on image and video synthesis

Graduate Student Instructor, CS194-26 | Berkeley, CA 2018
Head TA for Computational Photography.

Organizer, Tutorial on GANs at CVPR 2018 | Salt Lake City, UT 2018
Organized a full day tutorial session on GANs.

Graduate Student Instructor, CS188 | Berkeley, CA 2017
TA for Introduction to Artificial Intelligence.

Course Assistance, CS148 | Stanford, CA Summer 2012
Designed and graded assignments and exams for Intro to Computer Graphics and Imaging class

Grader, Math41 and Math171 | Stanford, CA 2009
Graded assignments for Fundamental Calculus and Real Analysis class

Awards and Honors

Samsung Scholarship, $50,000 per academic school year 2016-2020 (Ph.D)

Samsung Scholarship, $50,000 per academic school year 2011-2013

Tau Beta Pi Engineering Honor Society Member 2011-present

National Presidential Scholarship, South Korea, $50,000 per academic school year 2007-2011