

Taesung Park

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<https://taesung.me>

Education

UC Berkeley | Berkeley, CA 2016-2021(expected)
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

Research Paper, Reports, and Posters

Taesung Park, Jun-Yan Zhu, Oliver Wang, Jingwan Lu, Eli Shechtman, Alexei Efros, Richard Zhang. "Swapping Autoencoder for Deep Image Manipulation", on arXiv (<https://arxiv.org/abs/2007.00653>).
<https://taesung.me/SwappingAutoencoder>

Taesung Park, Jun-Yan Zhu, Richard Zhang, Alexei Efros. "Contrastive Learning for Conditional Image Generation", European Conference on Computer Vision (*ECCV*)

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, 100 Greatest Innovations of 2019 by Popular Science)

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

Last updated 07/03/2020

Adobe , Research Intern San Francisco, CA Image Manipulation and Synthesis by Learning Disentangled Latent Space	2019-2020
NVIDIA , Research Intern Santa Clara, CA Semantic Image Synthesis using Generative Adversarial Network. Featured at GTC 2019. SIGGRAPH'19 RTL Best Demo and People's Choice Award	2018
TmaxSoft , Junior Researcher Seongnam, South Korea Leader of the GUI Framework Development Team for a new OS on Unix environment <i>Fulfills the South Korean Military Service duty</i>	2013-2016
Stanford MS Student Research with Prof. Vladlen Koltun Stanford, CA Research in humanoid locomotion using machine learning Focus in autonomous control, reinforcement learning and inverse optimal control	2012-2013
Microsoft , SDE Intern Redmond, WA Development of a new asset classification scheme using machine learning Given a full-time job offer at the end of the internship	2011
Stanford Undergrad Student Research with Prof. Marc Levoy Stanford, CA Research on synthetic panning shots in computational photography	Summer 2010

Teaching & Services

Organizer , ICCV Workshop on Image and Video Synthesis Seoul, Korea Organized a full day workshop on image and video synthesis	2019
Graduate Student Instructor , CS194-26 Berkeley, CA Head TA for Computational Photography.	2018
Organizer , Tutorial on GANs at CVPR 2018 Salt Lake City, UT Organized a full day tutorial session on GANs.	2018
Graduate Student Instructor , CS188 Berkeley, CA TA for Introduction to Artificial Intelligence.	2017

Awards and Honors

Adobe Research Fellowship	2020
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