Tsung-Yi Lin

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Education

Cornell University, New York City, NY — 2014–2017
Ph.D., Electrical and Computer Engineering

University of California, San Diego, CA — 2011–2013
M.S., Electrical and Computer Engineering

National Taiwan University, Taipei, Taiwan — 2005–2009
B.S., Electrical Engineering

Research Experience

Senior Research Scientist — 2019–present
Google Research, Brain Team, Mountain View, CA

Research Scientist — 2017–2019
Google Research, Brain Team, Mountain View, CA

Research Assistant — 2014–2017
Cornell University, New York City, NY

Research Intern — 2015–2017
Facebook AI Research, Menlo Park, CA

Research Assistant — 2011–2013
University of California, San Diego, La Jolla, CA

Research Assistant — 2010–2011
Institute of Information Science, Academia Sinica, Taipei, Taiwan

Professional Activities

Area Chair: CVPR 2021, ICCV 2021.
Reviewer: TPAMI, CVPR, ICCV, ECCV, ACCV, NeurIPS, ICML, ICRA.
Committees: ECCV 2020 Robust Vision Challenge; ECCV 2020 Joint Workshop of the COCO and LVIS Challenges; ICCV 2019 Joint Workshop of the COCO and Mapillary Challenges; ECCV 2018 Joint Workshop of the COCO and Mapillary Challenges; ICCV 2017 Joint Workshop of the COCO and Places Challenges; ECCV 2016 ImageNet and COCO Visual Recognition Challenges Joint Workshop; ICCV 2015 ImageNet and COCO Visual Recognition Challenges Joint Workshop.

Honors and Awards

- Marr Prize student paper award, ICCV 2017
- Studying abroad scholarship, government of Taiwan, 2012-2013

Selected Publications

Remark: For full paper list see: https://scholar.google.com/citations?user=_BPdgV0AAAAJ&hl=en&oi=ao. Jointly the **40+** papers have **45,000 citations**, an **h-index** of **22**, and an **i10-index** of **25**. In top **120** most cited researchers in computer vision of all time according to Google Scholar. All citation counts were obtained via Google Scholar in 2021.

[1] I. Bello, W. Fedus, X. Du, E. D. Cubuk, A. Srinivas, **TY Lin**, J. Shlens, B. Zoph, "Revisiting ResNets: Improved Training and Scaling Strategies," *NeurIPS*, 2021 [**30** citations].

[2] G. Ghiasi*, B. Zoph*, E. D. Cubuk*, Q. V. Le, **TY Lin**, "Multi-Task Self-Training for Learning General Features," ICCV, 2021 [**1** citations].

[3] L. Yen-Chen, P. Florence, J. T. Barron, A. Rodriguez, P. Isola, **TY Lin**, "iNeRF: Inverting Neural Radiance Fields for Pose Estimation, *IROS*," 2021 [**21** citations].

[4] G. Ghiasi, Y. Cui, A. Srinivas, R. Qian, **TY Lin**, E. D. Cubuk, Q. V. Le, B. Zoph, "Simple Copy-Paste Is a Strong Data Augmentation Method for Instance Segmentation, *CVPR*," 2021 [**78** citations].

[5] L. Yen-Chen, A. Zeng, S. Song P. Isola, **TY Lin**, "Learning to See before Learning to Act: Visual Pre-training for Manipulation, *ICRA*," 2020 [**22** citations].

[6] B. Zoph* G. Ghiasi*, **TY Lin***, Y. Cui, H. Liu, E. D. Cubuk, Q. V. Le, "Rethinking Pre-training and Self-training," *NeurIPS*, 2020 [**162** citations].

[7] Y. Cui, M. Jia, **TY Lin**, Y. Song, S. Belongie, "Class-Balanced Loss Based on Effective Number of Samples," *CVPR*, 2019 [**625** citations].

[8] G. Ghiasi, **TY Lin**, Q. V. Le, "DropBlock: A Regularization Method for Convolutional Networks," *NeurIPS*, 2018 [**461** citations].

[9] **TY Lin**, P. Goyal, R. Girshick, K. He, P. Dollár, "Focal Loss for Dense Object Detection," *ICCV*, 2017 [**10286** citations] **Best Student Paper**.

[10] **TY Lin**, P. Dollár, R. Girshick, K. He, B. Hariharan, S. Belongie, "Feature Pyramid Networks for Object Detection," *CVPR*, 2017 [**9693** citations].

[11] **TY Lin**, Y Cui, S Belongie, J Hays, "Learning Deep Representations for Ground-to-Aerial Geolocalization," *CVPR*, 2015 [**264** citations].

[12] **TY Lin**, M. Maire, S. Belongie, J. Hays, P. Perona, D. Ramanan, P. Dollár, C. L. Zitnick, "Microsoft COCO: Common Object In Context, *ECCV*," 2014 [**20113** citations].