Chieh Hubert Lin

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Education

University of California, Merced (UC Merced)   *Jan. 2021 - Now*   *Merced, CA, U.S.*
- Ph.D. in EECS, working with Ming-Hsuan Yang , Hsin-Ying Lee and Sergey Tulyakov .
- Works on general topics in computer vision and generative modeling.

National Tsing-Hua University (NTHU)   *Sep. 2013 - June. 2018*   *Hsingchu, Taiwan*
- B.S. in CS (major GPA: 3.65/4.3).
- Published one paper to ECCV as a co-first author and submitted one paper as a first author before graduation.
- Works on generative modeling, neural architecture search and natural language processing.

Publications

(* indicates equal contribution.)

InfinityGAN: Towards Infinite-Pixel Image Synthesis   *Under submission*

Chieh Hubert Lin, Hsin-Ying Lee, Yen-Chi Cheng, Sergey Tulyakov, Ming-Hsuan Yang   *Mar. 2021*

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In&Out: Diverse Image Outpainting via GAN Inversion   *Under submission*

Yen-Chi Cheng, Chieh Hubert Lin, Hsin-Ying Lee, Jian Ren, Sergey Tulyakov, Ming-Hsuan Yang   *Mar. 2021*

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InstaNAS: Instance-aware Neural Architecture Search   *AAAI'20*

An-Chieh Cheng*, Chieh Hubert Lin*, Da-Cheng Juan, Wei Wei, Min Sun   *Feb. 2020*

[Paper] [Project Page]

COCO-GAN: Generation by Parts via Conditional Coordinating (oral presentation)   *ICCV'19*

Chieh Hubert Lin, Chia-Che Chang, Yu-Sheng Chen, Da-Cheng Juan, Wei Wei, Hwann-Tzong Chen   *Mar. 2019*

[Paper] [Project Page]

Point-to-Point Video Generation   *ICCV'19*

Tsun-Hsuan Wang*, Yen-Chi Cheng*, Chieh Hubert Lin, Hwann-Tzong Chen, Min Sun   *Mar. 2019*

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Toward Instance-aware Neural Architecture Search   *ICML'19 AutoML Workshop*

An-Chieh Cheng*, Chieh Hubert Lin*, Da-Cheng Juan, Wei Wei, Min Sun   *Jun. 2019*

3D LiDAR and Stereo Fusion using Stereo Matching Network with Conditional Cost Volume Normalization   *IROS'19*

Tsun-Hsuan Wang, Hou-Ning Hu, Chieh Hubert Lin, Yi-Hsuan Tsai, Wei-Chen Chiu, Min Sun   *Apr. 2019*

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Escaping from Collapsing Modes in a Constrained Space   *ECCV'18*

Chia-Che Chang*, Chieh Hubert Lin*, Che-Rung Lee, Da-Cheng Juan, Wei Wei, Hwann-Tzong Chen   *Mar. 2018*

[Paper]

Professional Activities

Served as a reviewer for NeurIPS'21, ICCV'21, CVPR'21, ICLR'21, ICML'20, CVPR'20, AAAI'20, ICCV'19, AAAI'19.

Work Experience

Visiting Scholar @ Vision and Learning Lab, Virginia Tech *Sep. 2019 - Jan. 2020*   *Blacksburg, VA, U.S.*
- Works on 3D photo rendering with Jia-Bin Huang (VT).

Research Assistant @ Vision Science Lab, National Tsing Hua University *Jul. 2018 - Aug. 2019*   *Taiwan*
- Works on neural architecture search, meta-learning and generative modeling with Min Sun (NTHU), Wei-Chen Chiu (NCTU), Da-Cheng Juan (Google) and Wei Wei (Google).
- Works on generative modeling with Hwann-Tzong Chen (NTHU), Da-Cheng Juan (Google) and Wei Wei (Google).
- Four papers accepted to ICCV'19, IROS'19 and AAAI'20.

Student Researcher @ National Tsing Hua University *Jun. 2017 - Feb. 2018*   *Taiwan*
- Works on generative modeling with Hwann-Tzong Chen (NTHU), Da-Cheng Juan (Google) and Wei Wei (Google).
- One paper accepted to ECCV'18.

Full-Year Software Engineer Intern @ Microsoft BingGC team *Jul. 2017 - Jun. 2018*   *Taiwan*

Honors & Awards

Sep. 2019 **Yahoo AI Scholarship**, Yahoo
Aug. 2019 **Appier AI Scholarship**, Appier
Aug. 2018 **Appier AI Scholarship**, Appier
Dec. 2017 **Honorable Mention**, Ministry of Science and Technology GAN Workshop