

Cheng-Chun Hsu

✉ chengchun@utexas.edu | 🌐 Website | 🐙 Github | in LinkedIn

Education

The University of Texas at Austin

🎓 M.S. IN COMPUTER SCIENCE

TX, USA

Sep 2021 – present

National Taiwan University of Science and Technology

🎓 B.S. IN COMPUTER SCIENCE

Taipei, Taiwan

Sep 2015 – Jun 2019

Publications

Conference Articles

Ditto in the House: Building Articulated Models of Indoor Scenes through Interactive Perception

Cheng-Chun Hsu, Zhenyu Jiang, and Yuke Zhu

In submission



Ditto: Building Digital Twins of Articulated Objects from Interaction

Zhenyu Jiang, Cheng-Chun Hsu, and Yuke Zhu

CVPR 2022



Oral presentation

Every Pixel Matters: Center-aware Feature Alignment for Domain Adaptive Object Detector

Cheng-Chun Hsu, Yi-Hsuan Tsai, Yen-Yu Lin, and Ming-Hsuan Yang

ECCV 2020



Weakly Supervised Instance Segmentation using the Bounding Box Tightness Prior

Cheng-Chun Hsu*, Kuang-Jui Hsu*, Chung-Chi Tsai, Yen-Yu Lin, and Yung-Yu Chuang

NeurIPS 2019



What Dress Fits Me Best? Fashion Recommendation on the Clothing Style for Personal Body Shape

Shintami Chusnul Hidayati, Cheng-Chun Hsu, Yu-Ting Chang, Kai-Lung Hua, Jianlong Fu, and Wen-Huang Cheng

MM 2018



Oral presentation

Technical Reports

Center-context-gap Refinement for Weakly Supervised Instance Segmentation

Cheng-Chun Hsu*, Kuang-Jui Hsu*, Chiachen Ho, Yen-Yu Lin, and Yung-Yu Chuang

2019



Experience

UT Robot Perception and Learning Lab

RESEARCHER

Advisor: Prof. Yuke Zhu

TX, USA

Sep 2021 – present

Facebook Reality Labs

CONTINGENT WORKER (remote)

Supervisor: Dr. Vassileios Balntas

London, UK

Sep 2020 – Jun 2021

Vision and Learning Lab, Academia Sinica

RESEARCH ASSISTANT

Advisor: Prof. Yen-Yu Lin and Prof. Ming-Hsuan Yang

Taipei, Taiwan

Jul 2018 – Aug 2020

Multimedia Computing Lab, Academia Sinica

RESEARCHER

Advisor: Prof. Wen-Huang Cheng

Taipei, Taiwan

2017 – 2018

Honors & Awards

Appier AI Scholarship for NeurIPS 2019, Appier

2019

Academic Excellence Award, NTUST

2018

🏆 Top 5% of students in one semester

Service

Conference Reviewer: CVPR, ECCV, WACV, NeurIPS, ICLR, AAAI, IJCAI