Yi-Wen Chen

✉ chenyiwena@gmail.com
wenz116.github.io
wenz116

Research Interests

My research interests lie in **computer vision** and **deep learning**.
- Object Segmentation
- Representation Learning
- Domain Adaptation
- Vision and Language

Education

Sep. 2017 – Present **Master of Science**, *National Taiwan University*, Taipei, Taiwan.
Graduate Institute of Communication Engineering
GPA: 3.98/4.30

Sep. 2013 – Jun. 2017 **Bachelor of Science**, *National Taiwan University*, Taipei, Taiwan.
Department of Electrical Engineering
GPA: 3.85/4.30

Publications

Submitted to CVPR 2019 **Anonymous Title**.
Yi-Wen Chen, Tiantian Wang, Yi-Hsuan Tsai, Yen-Yu Lin, and Ming-Hsuan Yang
IEEE Conference on Computer Vision and Pattern Recognition, Long Beach, California, June, 2019

ACCV 2018 **Unseen Object Segmentation in Videos via Transferable Representations**.
Yi-Wen Chen, Yi-Hsuan Tsai, Chu-Ya Yang, Yen-Yu Lin, and Ming-Hsuan Yang
Asian Conference on Computer Vision, Perth, Australia, December, 2018 **Oral Presentation**

Research Experiences

Computer Vision Lab, CITI Academia Sinica, Taipei, Taiwan

Jun. 2017 – Present **Research Assistant**.
Advisor: Dr. Yen-Yu Lin link, Dr. Yi-Hsuan Tsai link, Prof. Ming-Hsuan Yang link

Referring Expression Object Segmentation.
- Proposed an end-to-end trainable network for joint referring expression comprehension and generation.

Unseen Object Segmentation in Videos via Transferable Representations.
- Developed a self-supervised learning framework to transfer knowledge from seen objects in images to unseen objects in videos.
- Paper is accepted to **ACCV 2018**.

Awards

Dec. 2018 **Best Student Paper Award Honorable Mention**, *ACCV 2018*.
For our work "Unseen Object Segmentation in Videos via Transferable Representations"

Selected Courses

- Machine Learning and Having it Deep and Structured
- Deep Learning for Computer Vision
- Computer Vision
- Digital Visual Effects
- Digital Speech Processing
- Advanced Digital Signal Processing
- Time-Frequency Analysis and Wavelet Transform
- Algorithms

Skills

Programming C/C++, Python, MATLAB
Toolkit PyTorch, Keras, Caffe