

Sangryul Jeon

email: srjeon _at_ umich.edu



| [CV](#) | [Google Scholar](#) | [LinkedIn](#) |



University of Michigan
Postdoctoral scholar
Mar. 23 - Present



UC Berkeley/ICSI
Affiliated researcher
Mar. 22 - Present



Adobe research
Research intern
May. 21 - Nov. 21



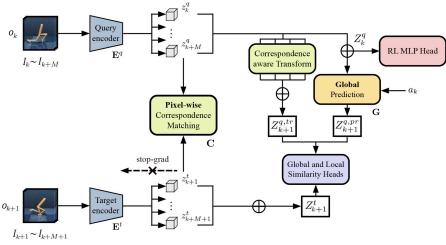
Yonsei university
Doctor of philosophy
Mar. 16 - Feb. 22

News

- [03/2023] One paper accepted by **CVPR 2023**
- [03/2023] Joined **University of Michigan** as a postdoctoral scholar
- [12/2022] One paper accepted by **BMVC 2022** has been published
- [10/2022] One paper accepted by **BMVC 2022** as **Spotlight** presentation
- [09/2022] One paper accepted by **NeurIPS 2022**
- [08/2022] One paper accepted by **ECCV workshop 2022**
- [03/2022] Joined **UC Berkeley / ICSI** as a postdoctoral scholar

Selected Publications

Please see my [Google Scholar](#) profiles for the full list

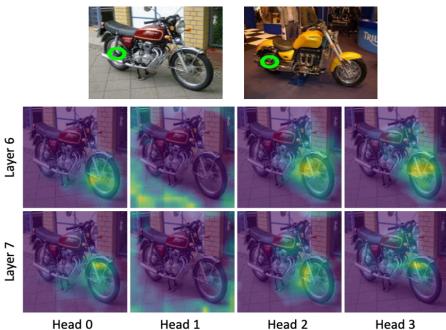
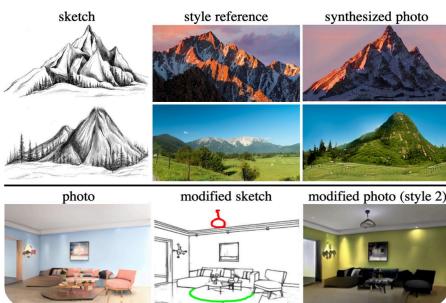
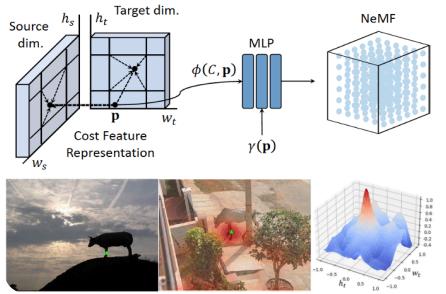
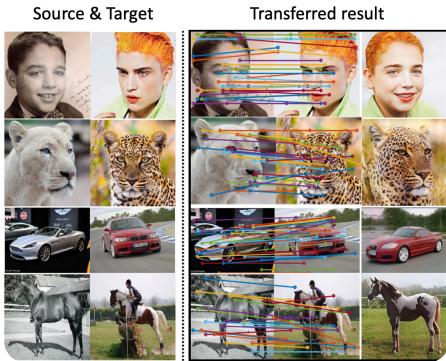
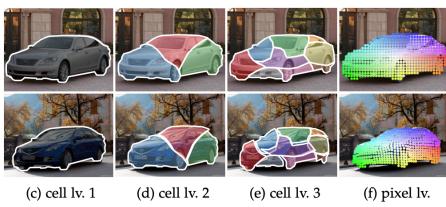


Local-guided Global: Paired Similarity Representation for Visual Reinforcement Learning

Hyesong Choi, Hunsang Lee, Wonil Song, [Sangryul Jeon](#), Dongbo Min, Kwanghoon Sohn

CVPR 2023

[abstract](#) | [paper](#)



Pyramidal Semantic Correspondence Networks

Sangryul Jeon, Seungryong Kim, Dongbo Min, Kwanghoon Sohn

TPAMI 2022

[abstract](#) | [paper](#)

COAT: Correspondence-driven Object Appearance Transfer

Sangryul Jeon, Zhifei Zhang, Zhe Lin, Scott Cohen, Zhihong Ding, Kwanghoon Sohn

BMVC 2022 (Spotlight presentation)

[abstract](#) | [paper](#)

Neural Matching Fields: Implicit Representation of Matching Fields for Visual Correspondence

Sunghwan Hong, Jisu Nam, Seokju Cho, Susung Hong, Sangryul Jeon, Dongbo Min, Seungryong Kim

NeurIPS 2022

[abstract](#) | [paper](#)

Unsupervised Scene Sketch to Photo Synthesis

Jiayun Wang, Sangryul Jeon, Stella X. Yu, Xi Zhang, Himanshu Arora, Yu Lou

ECCV Workshop 2022 - AIM: Advances in Image Manipulation workshop and challenges

[abstract](#) | [paper](#) | [media](#)

CATs: Cost Aggregation Transformers for Visual Correspondence

Seokju Cho*, Sunghwan Hong*, Sangryul Jeon, Yunsung Lee, Kwanghoon Sohn,

Seungryong Kim

NeurIPS 2021

(* indicates equal contribution)

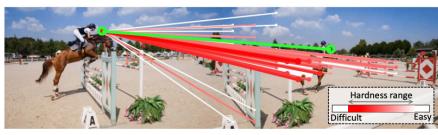
[abstract](#) | [paper](#)



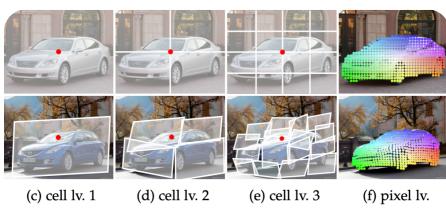
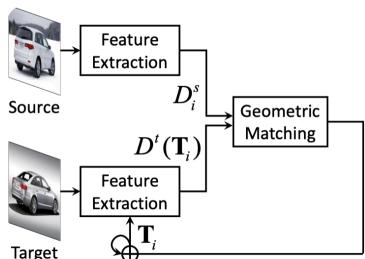
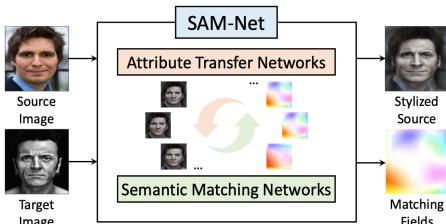
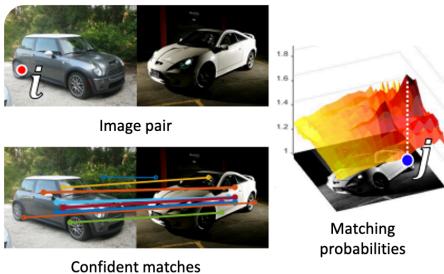
(a) image pair



(b) collected positive correspondences



(c) collected negative correspondences for a positive one (green-colored)



Mining Better Samples for Contrastive Learning of Temporal Correspondence

[Sangryul Jeon](#), Dongbo Min, Seungryong Kim, Kwanghoon Sohn
CVPR 2021

[abstract](#) | [paper](#)

Guided Semantic Flow

[Sangryul Jeon](#), Dongbo Min, Seungryong Kim, Kwanghoon Sohn
ECCV 2020

[abstract](#) | [paper](#)

Joint Learning of Semantic Alignment and Object Landmark Detection

[Sangryul Jeon](#), Dongbo Min, Seungryong Kim, Kwanghoon Sohn
ICCV 2019

[abstract](#) | [paper](#)

Semantic Attribute Matching Networks

Seungryong Kim, Dongbo Min, Somi Jeong, Sunok Kim, [Sangryul Jeon](#), Kwanghoon Sohn
CVPR 2019

[abstract](#) | [paper](#)

Recurrent Transformer Networks for Semantic Correspondence

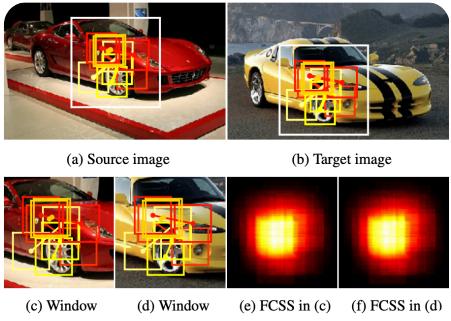
Seungryong Kim, Stephen Lin, [Sangryul Jeon](#), Dongbo Min, Kwanghoon Sohn
NeurIPS 2018 (Spotlight presentation)

[abstract](#) | [paper](#)

PARN: Pyramidal Affine Regression Networks for Dense Semantic Correspondence

[Sangryul Jeon](#), Seungryong Kim, Dongbo Min, Kwanghoon Sohn
ECCV 2018

[abstract](#) | [paper](#)



FCSS: Fully Convolutional Self-Similarity for Dense Semantic Correspondence

Seungryong Kim, Dongbo Min, Bumsub Ham, [Sangryul Leon](#), Stephen Lin,
Kwanghoon Sohn

CVPR 2017

[abstract](#) | [paper](#)

Professional Activity

- Reviewer: CVPR 2020-2022, ICCV 2021, ECCV 2022, NeurIPS 2020-2022, ICLR 2021-2023, ICML 2021-2022, ACCV 2020-2022, WACV 2021-2022, Pattern Recognition, Neurocomputing

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