

# Machine Learning and Computer Vision Lab

- Introduction -

**Eunbyung Park**

Assistant Professor

School of Electronic and Electrical Engineering

[Eunbyung Park \(silverbottlep.github.io\)](https://silverbottlep.github.io)

# Professor



**Eunbyung Park**

Ph.D. in Computer Science (2019)  
University of North Carolina  
at Chapel Hill

## [Work Experience]

- Assistant Professor, EE and AI at SKKU (Feb. 2021 – current)
- Applied Scientist, Microsoft Project Turing (Sep. 2020 – Feb. 2021)
- Research Scientist, Nuro (June 2019 – Aug 2020)
- Research Intern, Google DeepMind (2018), Microsoft Research (2017), Adobe Research (2016), HP Labs (2015)

## [Research]

- Machine learning, computer vision, meta-learning, generative models
- Published papers in AI top conferences, e.g. NeurIPS, CVPR, ICCV, ECCV, ICRA, ICLR
- 1,200 citations (Google scholar, 650 for the first authored papers, h-index 13)

## [Academic Services]

- Organizer: ILSVRC 2017, LPIRC 2017, 2018
- Reviewer: NeurIPS, ICML, CVPR, ICCV, ICLR

## [Invited Talks]

- Implicit representation, AI Frontiers summit 2021.05
- ML for self-driving, Signal Processing Summer School, 2021. 07
- ML for self-driving, Self-driving semiconductor workshop, 2021.08

# Members

- MS students
  - Younggeun Lee (since 2021.06)
  - Hyunmo Yang (since 2021.06)
  - Junwoo Cho (since 2021.06)
  - Sanghyun Kim (since 2021.07)
- BS students
  - Byeonghyeon Lee (since 2021.06)

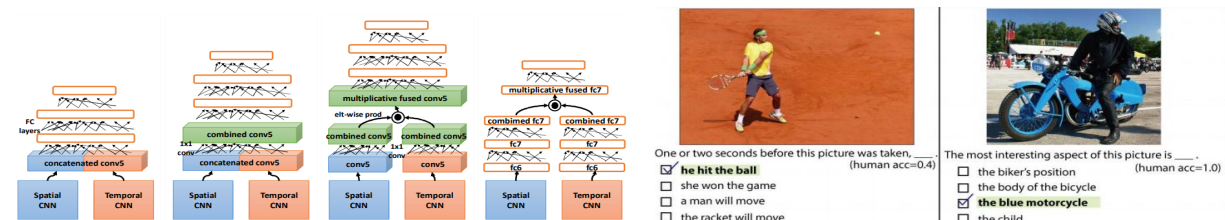
# Research Areas

- Machine Learning Fundamentals

- Deep learning
- Meta-learning
- Optimization
- Generative models
- Reinforcement learning
- Implicit representation

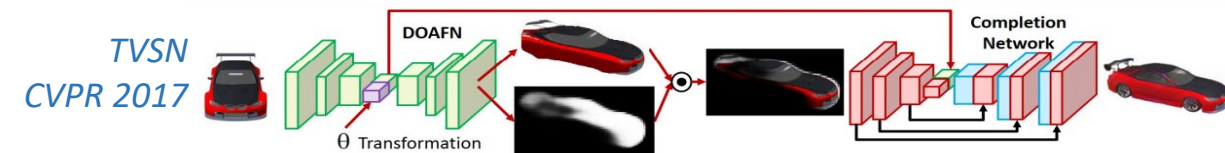
- Computer Vision Applications

- ML for autonomous driving
- View Synthesis
- Differentiable rendering

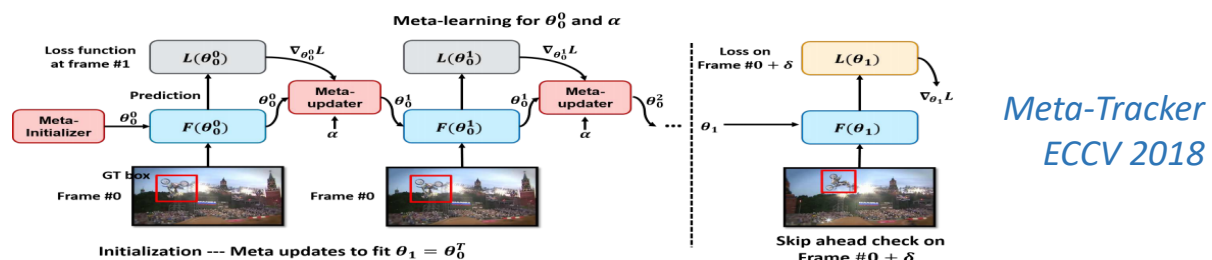


FuseNet, WACV 2016

Visual Madlibs, ICCV 2015

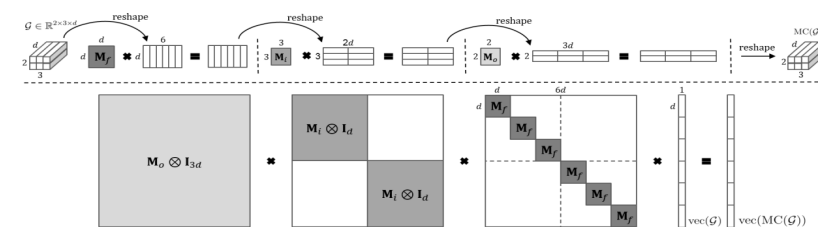


TVSN  
CVPR 2017



Meta-Tracker  
ECCV 2018

Meta-Curvature  
NeurIPS 2019



SPIRAL++  
NeurIPS 2019  
Workshop

