Jae Won **Cho**

COMPUTER VISION RESEARCHER · ELECTRICAL ENGINEER

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Education

Korea Advanced Institute for Science and Technology (KAIST)   *Daejeon, South Korea*

PH.D IN ELECTRICAL ENGINEERING   *Aug 2018 - Present*

Supervised by Prof. In So Kweon

Georgia Institute of Technology   *Atlanta, GA, USA*

B.S. IN ELECTRICAL ENGINEERING   *Aug 2014 - May 2018*

GPA: 3.5/4.0 (High Honor)

Research Interest

My current research interests lie in the general areas of computer vision and deep learning with a particular focus Vision & Language Tasks such as Visual Question Answering and Active Learning.

Experience

KAIST, Robotics and Computer Vision (RCV) Lab   *Daejeon, South Korea*

RESEARCH ASSISTANT   *Aug 2018 - Present*

- Research Computer Vision Tasks: VQA, Active Learning
- Project Member/Project Lead: Object-centric Scene Understanding Video Turing Test (Government Funded)

KAIST, Robotics and Computer Vision (RCV) Lab   *Daejeon, South Korea*

RESEARCH INTERN   *Jun 2017 - Aug 2017*

- Research on fine-grained action recognition classification using Deep Learning

KAIST, Robotics and Computer Vision (RCV) Lab   *Daejeon, South Korea*

RESEARCH INTERN   *Jun 2016 - Aug 2016*

- Research on reconstruction of 3D images using traditional computer vision techniques

Publications

International Conferences

- **Jae Won Cho**, Dong-Jin Kim, Jinsoo Choi, Yunjae Jung, In So Kweon, "Dealing with Missing Modalities in the Visual Question Answer-Difference Prediction Task through Knowledge Distillation." *CVPR Multimodal Learning and Applications Workshop* (**CVPRW**), 2021

- Chaoning Zhang, Philipp Benz, Adil Karjauv, **Jae Won Cho**, In So Kweon. "Towards a Data-free Universal Adversarial Attack." *ICLR Robust and Reliable Machine Learning in the Real World Workshop* (**ICLRW**), 2021.

- Dawit Mureja Argaw, Junsik Kim, Francois Rameau, **Jae Won Cho**, In So Kweon. "Optical Flow Estimation from a Single Motion-blurred Image." *Thirty-Fifth AAAI Conference on Artificial Intelligence* (**AAAI**), 2021.

Honors & Awards

2018-Present	**KAIST Scholarship**, Full Scholarship for M.S./Ph.D Integrated Program	*KAIST, South Korea*
2018	**Member of Eta Kappa Nu (HKN)**, Beta Mu Chapter	*Atlanta, GA, USA*
2018	**High Honor**, Georgia Institute of Technology Electrical Engineering	*Atlanta, GA, USA*
2017-2018	**GaTech Tuition Waver**, Awarded to top GPA holders	*Atlanta, GA, USA*

Skills

Programming Languages:	Python, Matlab, C, LaTeX
Deep Learning	PyTorch, Caffe, TensorFlow
Languages	English (Native), Korean (Native), Chinese (Beginner)
Miscellaneous	AutoCAD, Microsoft Office, Spice.

References

Prof. In So Kweon

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Prof. In So Kweon

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