

# Juhong Min

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POSITION	<b>Ph.D Student</b> <b>Department of Computer Science and Engineering</b> <b>Pohang University of Science and Technology (POSTECH)</b>
CONTACT INFORMATION	Computer Vision Laboratory E2 302, Department of CSE, POSTECH 77, Cheongam-ro, Nam-gu, Pohang-si, Gyeongsangbuk-do, 376723 Republic of Korea  e-mail: <a href="mailto:juhongm999@postech.ac.kr">juhongm999@postech.ac.kr</a> Homepage: <a href="https://juhongm999.github.io">https://juhongm999.github.io</a>
CITIZENSHIP	The Republic of Korea
RESEARCH INTERESTS	Computer vision and deep learning, especially, learning visual correspondences and its applications.
EDUCATION	<b>Pohang University of Science and Technology (POSTECH)</b> , Pohang, Korea <i>Ph.D student (Unified master's and doctor's course)</i> <b>Sep 2018 – now</b> <ul style="list-style-type: none"><li>• Advisor: <a href="#">Prof. Minsu Cho</a></li><li>• Major: Computer Science and Engineering</li><li>• Cumulative GPA: 4.12/4.3</li></ul> <b>The Pennsylvania State University</b> , State College, PA <i>B.S., Department of Computer Science and Engineering</i> <b>Sep 2011 – Dec 2014</b> <ul style="list-style-type: none"><li>• Major: Computer Science</li><li>• Cumulative GPA: 3.29/4.0</li></ul>
ACADEMIC SERVICES	International Conference on Computer Vision (ICCV) 2019 <i>Webmaster</i>  Computer Vision and Pattern Recognition (CVPR) 2021-2022 International Conference on Computer Vision (ICCV) 2021 Transactions on Pattern Analysis and Machine Intelligence (TPAMI) 2021 Winter Conference on Computer Vision (WACV) 2022 The Machine Vision Applications (MVA) 2021 AAAI Conference on Artificial Intelligence (AAAI) 2021-2022 <i>Reviewer</i>
HONORS & AWARDS	Outstanding reviewer at ICCV 2021 <i>Awarded to top 5% reviewers</i>  The 1st POSTECH research performance contest 2021 <i>Fourth prize</i>  Naver Ph.D. Fellowship 2020  Best term project & presentation award 2019 <i>For outstanding in-class (3D Vision) project achievements</i>

INDUSTRY EXPERIENCE **Microsoft Research Asia**, Beijing, China **Starting in Oct 2021 – Apr 2022**  
*Research Intern*

- Topic: Vision and language representation learning.
- Mentor: Dr. Jingdong Wang.

**Electronic Arts Korea Inc.**, Seoul, Korea **Jan 2018 – Mar 2018**  
*Associate Software Engineer Intern*

- Developed and maintained FIFA Online 3 client/front-end UI modules.

MILITARY OBLIGATION **59 Ammunition Supply Point & 102 Replacement Battalion**, Chuncheon, Korea **June 2015 – Mar 2017**  
*Rifleman*

- Carried out obligatory duty of national defense.

PUBLICATIONS **Juhong Min**, Seungwook Kim, Minsu Cho, “Convolutional Hough Matching Networks for Robust and Efficient Visual Correspondence” *under review*.

Dahyun Kang, Heeseung Kwon, **Juhong Min**, Minsu Cho, “Relational Embedding for Few-Shot Classification” in *Proceedings of the IEEE International Conference on Computer Vision (ICCV)*, 2021.

**Juhong Min**, Dahyun Kang, Minsu Cho, “Hypercorrelation Squeeze for Few-Shot Segmentation” in *Proceedings of the IEEE International Conference on Computer Vision (ICCV)*, 2021.

**Juhong Min**, Minsu Cho, “Convolutional Hough Matching Networks” in *Proceedings of the IEEE Conf. on Computer Vision and Pattern Recognition (CVPR)*, 2021. Oral presentation.

Jongmin Lee, Yoonwoo Jeong, Seungwook Kim, **Juhong Min**, Minsu Cho, “Learning to Distill Convolutional Features into Compact Local Descriptors” in *Proceedings of the IEEE Winter Conference on Computer Vision (WACV)*, 2021.

**Juhong Min**, Jongmin Lee, Jean Ponce, Minsu Cho, “Learning to Compose Hypercolumns for Semantic Visual Correspondence” in *Proceedings of the IEEE European Conference on Computer Vision (ECCV)*, 2020.

**Juhong Min**, Jongmin Lee, Jean Ponce, Minsu Cho, “SPair-71k: A Large-scale Benchmark for Semantic Correspondence,” in arXiv preprint, 2019.

**Juhong Min**, Jongmin Lee, Jean Ponce, Minsu Cho, “Hyperpixel Flow: Semantic Correspondence with Multi-layer Neural Features,” in *Proceedings of the IEEE International Conference on Computer Vision (ICCV)*, 2019.

LANGUAGE SKILLS Korean(native), English(fluent)

REFEREES *Available on request.*