

# SEONGWOONG CHO

DeepLearning Research Engineer @ [Mobilint Inc.](#)  
(Current Interest) Model Quantization  
(Previous Interest) Few-shot Learning, Meta-Learning

[seongwoongcho.github.io](https://seongwoongcho.github.io)  
[xtjddndx@gmail.com](mailto:xtjddndx@gmail.com)

## Education

<b>M.S. in Computer Science</b> <i>Korea Advanced Institute of Science and Technology (KAIST)</i> <ul style="list-style-type: none"><li>• Advisor: Prof. Seunghoon Hong</li><li>• Research focus: Deep learning algorithms for few-shot generalists.</li><li>• GPA 3.8/4.3</li></ul>	Mar 2022 – Feb 2025 South Korea
<b>B.S. in Computer Science</b> <i>Korea Advanced Institute of Science and Technology (KAIST)</i> <ul style="list-style-type: none"><li>• GPA 3.96/4.3 (<b>Magna Cum Laude</b>)</li></ul>	Mar 2017 – Feb 2022 South Korea

## Publications

(P: preprint, C: conference, J: journal, W: workshop, \*: equal contribution)

- [C4] **Meta-Controller: Few-Shot Imitation of Unseen Embodiments and Tasks in Continuous Control**  
Seongwoong Cho\*, Donggyun Kim\*, Jinwoo Lee, Seunghoon Hong  
*NeurIPS 2024*
- [C3] **Chameleon: A Data-Efficient Generalist for Dense Visual Prediction in the Wild**  
Donggyun Kim, Seongwoong Cho, Chong Luo, Seunghoon Hong  
*ECCV 2024 (Oral Presentation)*
- [C2] **Universal Few-shot Learning of Dense Prediction Tasks with Visual Token Matching**  
Donggyun Kim, Jinwoo Kim, Seongwoong Cho, Chong Luo, Seunghoon Hong  
*ICLR 2023 (Outstanding Paper Award)*
- [C1] **Multi-task Neural processes**  
Donggyun Kim, Seongwoong Cho, Wonkwang Lee, Seunghoon Hong  
*ICLR 2022*

## Work Experience

<b>Mobilint Inc.</b> <i>Deep Learning Research Engineer</i> <ul style="list-style-type: none"><li>• Developed general-purpose model quantization techniques applicable to Mobilint's NPU architecture.</li></ul>	Feb. 2025 – ing South Korea
<b>Waddle Inc.</b> <i>AI Developer</i> <ul style="list-style-type: none"><li>• Developed a ML model for detecting and predicting attributes from fashion and interior images.</li></ul>	Jul. 2020 – Dec. 2020 South Korea
<b>Pavilion Inc.</b> <i>Cofounder, AI Developer</i> <ul style="list-style-type: none"><li>• Developed a ML model for converting speech signals into ElectroGlottoGraphy (EGG) signal.</li></ul>	2019 – 2020 South Korea
<b>NCSOFT ASR Group</b> <i>Internship</i>	Dec. 2018 – Feb. 2019 South Korea

## Honors & Awards

<b>ICLR Outstanding Paper Award</b> <i>International Conference on Learning Representations (ICLR)</i> <ul style="list-style-type: none"><li>• As a coauthor of Visual Token Matching (ICLR 2023) [C6].</li></ul>	2023
<b>Samsung Humantech Paper Award Silver Prize (\$7,000)</b> <i>Samsung Electronics Co., Ltd.</i> <ul style="list-style-type: none"><li>• As a coauthor of Visual Token Matching (ICLR 2023) [C6].</li></ul>	2023
<b>Winner of Multi-modal Emotional Recognition Competition (MERC)</b> <i>KAIST-Qualcomm Innovation Awards</i> <ul style="list-style-type: none"><li>• 2nd place winner</li></ul>	2020

- NIPA AI Online Competition** 2020  
*NIPA*  
 • 17th place / 400 teams (2nd place on COVID CT image classification, 3rd place on plant pest classification, 3rd place on plant pest classification for lightweight model)
- NIPA AIStarthon Competition** 2019  
*NIPA*  
 • 16th place / 200 teams (2nd place on food image classification, 3rd place on food image retrieval)
- Winner of Speech Emotional Recognition Competition** 2019  
*KAIST-Qualcomm Innovation Awards*  
 • 1st place winner
- E\*5 KAIST Development Award** 2019  
*Korea Advanced Institute of Science and Technology (KAIST)*  
 • 4th place winner
- KAIST Dean's List** 2017 – 2020  
*Korea Advanced Institute of Science and Technology (KAIST)*  
 • Awarded for outstanding academic performance 2 times (spring 2017, fall 2020).

## References

[Prof. Seunghoon Hong](#), Associate Professor at KAIST

[seunghoon.hong@kaist.ac.kr](mailto:seunghoon.hong@kaist.ac.kr)