

# Seungju Han

Visiting Student Researcher @ Allen Institute for AI

Undergraduate Student @ Seoul National University

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## Education

### Seoul National University

*B.S. in Electrical & Computer Engineering*

Seoul, South Korea

Mar, 2017—present

### University of Washington

*Exchange Student*

Seattle, WA

Sep, 2022—Dec, 2022

### Seoul Science High School

Specialized high school for students talented in math and science.

Seoul, South Korea

Mar, 2014—Feb, 2017

## Academic Publications

\* indicates equal contribution.

9. [NORMLENS: READING BOOKS IS GREAT, BUT NOT IF YOU ARE DRIVING! VISUALLY GROUNDED REASONING ABOUT DEFEASIBLE COMMONSENSE NORMS](#)  
[S. Han](#), J. Kim, J. Hessel, L. Jiang, J. Chung, Y. Son, Y. Choi, Y. Yu  
EMNLP 2023 ([Oral Presentation](#)), [Code](#), [Project Page](#)
8. [SMILE: A MULTIMODAL DATASET FOR UNDERSTANDING LAUGHTER](#)  
H. Lee, SB. Kim, [S. Han](#), Y. Yu, TH. Oh  
ICCV Workshop, What is Next in Multimodal Foundation Models? 2023
7. [CHAMPAGNE: LEARNING REAL-WORLD CONVERSATION FROM LARGE-SCALE WEB VIDEOS](#)  
[S. Han](#), J. Hessel, N. Dziri, Y. Choi, Y. Yu  
ICCV 2023, [Code](#), [Project Page](#)
6. [MEASURING AND IMPROVING SEMANTIC DIVERSITY OF DIALOGUE GENERATION](#)  
[S. Han](#), B. Kim, B. Chang  
EMNLP (Findings) 2022, [Code](#)
5. [MEET YOUR FAVORITE CHARACTER: OPEN-DOMAIN CHATBOT MIMICKING FICTIONAL CHARACTERS WITH ONLY A FEW UTTERANCES](#)  
[S. Han](#)\*, B. Kim\*, JY. Yoo\*, S. Seo, S. Kim, E. Erdenee, B. Chang  
NAACL 2022, [Code](#)
4. [UNDERSTANDING AND IMPROVING THE EXEMPLAR-BASED GENERATION FOR OPEN-DOMAIN CONVERSATION](#)  
[S. Han](#)\*, B. Kim\*, S. Seo\*, E. Erdenee\*, B. Chang  
ACL 4th Workshop on NLP4ConvAI ([Oral Presentation](#), [Outstanding Paper](#)) 2022, [Code](#)
3. [DISTILLING THE KNOWLEDGE OF LARGE-SCALE GENERATIVE MODELS INTO RETRIEVAL MODELS FOR EFFICIENT OPEN-DOMAIN CONVERSATION](#)  
B. Kim\*, S. Seo\*, [S. Han](#)\*, E. Erdenee\*, B. Chang  
EMNLP (Findings) 2021, [Code](#)
2. [DISENTANGLING LABEL DISTRIBUTION FOR LONG-TAILED VISUAL RECOGNITION](#)  
Y. Hong\*, [S. Han](#)\*, K. Choi\*, S. Seo, B. Kim, B. Chang  
CVPR 2021, [Code](#), [Blog](#)
1. [ATTENTRON: FEW-SHOT TEXT-TO-SPEECH UTILIZING ATTENTION-BASED VARIABLE-LENGTH EMBEDDING](#)  
S. Choi\*, [S. Han](#)\*, D. Kim\*, S. Ha  
Interspeech 2020

## Experiences

### Allen Institute for AI, Mosaic Team

*Visiting Student Researcher*

Doing research (NormLens, CHAMPAGNE, and on-going projects) about multimodal models, advised by Yejin Choi, Jack Hessel, and Youngjae Yu

Seattle, WA

Sep, 2022—Present

### Hyperconnect, AI Lab

*Machine Learning Engineer*

Participated in 6 AI research projects as a first author, where all papers were published in the top-AI conferences (EMNLP Findings 21/22, NAACL 22, CVPR 21, Interspeech 20) or workshop (ACLW 22 outstanding paper).

Seoul, South Korea

Apr, 2019—Aug, 2022

### SNU Computer Vision Lab

*Undergraduate Research Intern*

Doing research about knowledge distillation, advised by Bohyung Han

Seoul, South Korea

Jan, 2019—Mar, 2019

## Awards and Honors

Undergraduate Scholarship from **Kwanjeong Educational Foundation**

Full-ride scholarship, 10,000,000 KRW / year \* 2 years = approx. 17,000 USD

2019—2023

Undergraduate Scholarship from **Seoul National University**

Full-ride scholarship

2017—2019

Scholarship from **Han Sung Son Jae Han Scholarship Foundation**

Full-ride scholarship, 10,000,000 KRW (approx. 8,500 USD)

2015—2016

## Invited Presentations

Learning representations from large-scale videos, Tech seminar @ Dalphi AI

2023 Summer

A path towards AGI, Tech seminar @ Corca AI

2023 Summer

Research in start-up, Tech seminar @ FriendliAI

2022 Fall

Research in start-up, Tech seminar @ Corca AI

2022 Summer

Open-domain conversation agent, AI retreat @ Seoul National University

2021 Spring

## Professional Activities

### Volunteer

EMNLP

2022

### Reviewer

EMNLP

2021

ACL ARR

2022—

NeurIPS

2023