



# Soohwan Kim

AI RESEARCH ENGINEER · SOFTWARE DEVELOPER

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*"My dream is to make artificial intelligence like Jarvis in the movie Iron Man."*

## About Me

I would like to introduce myself as an artificial intelligence research engineer rather than a research scientist. My dream is to make A.I. like Jarvis in the movie Iron Man - so I am very interested in deep learning techniques such as speech recognition, speech synthesis, and open-domain dialogue. Recently I began a startup with 5 co-founding members - all of them were my teammates at Kakao Brain. We named our startup TUNiB. We are looking for talented colleagues to work with. If you are interested, please don't hesitate to contact me.

## Employment History

### TUNiB Inc.

CO-FOUNDER, AI RESEARCH ENGINEER

- Research and develop the latest NLP technology.(especially chatbot)

*Gangnam, Seoul*

*Mar. 2021 - Present*

### Kakao Brain

AI RESEARCH ENGINEER

- Open-source development that reflects the latest technology in NLP (e.g. pororo)

*Pangyo, Gyunggi*

*Nov. 2020 - Feb. 2021*

### Kakao Brain

INTERNSHIP

- Researched and developed automatic speech recognition technology.

*Pangyo, Gyunggi*

*Aug. 2020 - Oct. 2020*

### Spoken Language Lab (of Sogang Univ.)

INTERNSHIP

- Studied speech recognition technologies based on deep learning algorithm.

*Mapo, Seoul*

*Apr. 2020 - Aug. 2020*

## Education

### Kwangwoon University

BACHELOR OF ENGINEERING, MAJOR IN ELCOMM, MINOR IN DATA SCIENCE

- Major GPA : 3.90 / 4.5, Total GPA : 3.67 / 4.5

*Seoul, South Korea*

*Mar. 2014 - Feb. 2021*

## Project Experience

### PORORO: Platform Of neuRal mOdelS for natuRal language prOcessing

TEAM MEMBER

- PORORO performs Natural Language Processing and Speech-related tasks. [\[link\]](#)

*Kakao Brain*

*Sep. 2020 - Mar. 2021*

### KoSpeech: Open-Source Toolkit for End-to-End Korean Speech Recognition

TEAM LEADER

- Modular and extensible end-to-end Korean automatic speech recognition (ASR) toolkit [\[link\]](#)

*Kwangwoon Univ.*

*Jan. 2020 - Feb. 2021*

### Multilingual Text-To-Speech

THE PERSON IN CHARGE

- Development of Kakao Brain's multilingual-TTS technology. [\[link\]](#)

*Kakao Brain*

*Oct. 2020 - Feb. 2021*

### English, Chinese, and Korean End-to-End Automatic Speech Recognition

THE PERSON IN CHARGE

- Development of Kakao Brain's speech recognition technology.

*Kakao Brain*

*Aug. 2020 - Oct. 2020*

## Publication

2021 **Open-Source Toolkit for End-to-End Korean Speech Recognition**, ELSEVIER, SIMPAC, Volume 7, 100054