Soohwan Kim

AI Research Engineer

Personal Information

16F, Gangnam-daero 382,
Merits Tower, Gangnam-District,
Seoul, 06232, Korea

+82)-10-4564-4668
kaki.ai@tunib.ai

in Soo-hwan
🅕 sooftware95

Professional skills

PyTorch
★★★★★

Python
★★★★★

Fairseq
★★★★★

Numpy
★★★★★

PyTorchLightning
★★★★☆

Pandas
★★★★☆

Java
★★★★☆

C
★★★★☆

Shell Script
★★★★☆

Android
★★★☆☆

Languages

Korean
Native

English
Proficient

👤 Profile

Currently working as a co-founder at TUNiB Inc. 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. Please check my github page (https://github.com/sooftware).

🖥 Employment History

Co-founder - TUNiB Inc.

Mar 2021 - Now

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

AI Research Engineer - Kakao Brain

Nov 2020 - Feb 2021

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

Internship - Kakao Brain

Aug 2020 - Oct 2020

• Researched and developed automatic speech recognition technogy.

Internship - Spoken Language Lab (of Sogang Univ.)

Apr 2020 - Aug 2020

• Studied speech recognition technologies based on deep learning algorithm.

🎓 Education

Bachelor of Engineering - Kwangwoon University

Mar 2014 - Feb 2021

• Major in Electronics and Communication Engineering, minor in Data Science.
• **Major GPA**: 3.90 / 4.5, **Total GPA**: 3.67 / 4.5

☷ Projects

PORORO: Platform Of neuRal mOdels for natuRal language prOcessing - Member

Sep 2020 - Feb 2021

• Easy to solve subtasks in the NLP field by simply passing the task name. [link]

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

Jan 2020 - Feb 2021

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

Multilingual Text-To-Speech - The person in charge

Oct 2020 - Feb 2021

• Development of Kakao Brain's multilingual-TTS technology. [link]

English, Chinese, and Korean End-to-End Speech Recognition - The person in charge

Aug 2020 - Oct 2020

• Development of Kakao Brain's speech recognition technology.

🧠 Publication

Open-Source Toolkit for End-to-End Korean Speech Recognition

• ELSEVIER, Software Impacts, Volume 7, February 2021, 100054