

Soohwan Kim



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01 PROFILE

I am very interested in deep learning techniques such as speech recognition, speech synthesis, open-domain dialogue, and model parallelism. Recently I began a startup with 5 co-founding members - all of them were my teammates at Kakao Brain Corp . We named our startup **TUNiB**. We are looking for talented colleagues to work with.

02 EMPLOYMENT HISTORY

03/2021 — Present

Co-founder at TUNiB

Gangnam, Seoul

- Research & development of artificial intelligence that enables human-like conversation
- Webpage: <http://www.tunib.ai/>

11/2020 — 02/2021

AI Research Engineer at Kakao Brain

Pangyo, Gyunggi

- Research & development the latest NLP & Speech technologies.
- Development of NLP open-source library named pororo.
- Webpage: <https://www.kakaobrain.com/>

08/2020 — 10/2020

Internship at Kakao Brain

Pangyo, Gyunggi

- Researched & developed English, Chinese, and Korean speech recognition technology.
- Webpage: <https://www.kakaobrain.com/>

04/2020 — 08/2020

Internship at Spoken Language Lab

Mapo, Seoul

- Dept. of Computer Science & Engineering Sogang University.
- Studied speech recognition technologies based on deepl earning algorithm.
- Webpage: <https://speech.sogang.ac.kr/>

07/2018 — 08/2018

Internship at Samsung Multi-Campus

Gangnam, Seoul

- Taking software development training using Java and Database.
- Got the Outstanding-Award among the trainees.
- Webpage: <https://www.multicampus.com/>

03 EDUCATION

Mar 2014 — Feb 2021

Kwangwoon University

Seoul, South Korea

Bachelor of Engineering in Electronic and Communication Engineering

- Major in Electronic & Communication Engineering, Minor in Data Science.
- **Major GPA:** 3.90/4.5, **Total GPA:** 3.67/4.5
- **Scholarship:** Samsung Scholarship (2 years), Bima Scholarship(3 semester)
- **Internship:** Kakao Brain, Spoken LanguageLab, Multi-Campus
- **Honors:** President's Award, People's Choice Award (Kwangwoon Engineering Festival), Outstanding Award (Multi-Campus), People's Choice Award (Startup Idea Contest)

04 PROJECT EXPERIENCE

Mar 2021 — Present

Open-domain Dialog System

TUNiB

- A study on the conversation model that is tailored to the character's characteristics.

Sep 2020 — Feb 2021

Pororo

Kakao Brain

- Platform Of neuRal mOdels for natuRal language prOcessing [\[link\]](#)

Oct 2020 — Feb 2021

Multilingual Text-To-Speech

Kakao Brain

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

Jan 2020 — Feb 2021

KoSpeech

Kwangwoon Univ.

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

05 EXTRA-CURRICULAR ACTIVITIES

Sep 2015 — Jun 2017

Military Service

- Served and discharged from Republic of Korea Marine Corps as Signaller, Sergeant

Competition

- **3rd Ranked**, AI Grand Challenge - Speech Recognition Track (Advisor) - 2020
- **Finalist (12th Ranked)**, Naver AI Hackathon - Speech (Team Leader) - 2019

Publication

- **Open-Source Toolkit for End-to-End Korean Speech Recognition**, SIMPAC
- **KoSpeech: Open-Source Toolkit for End-to-End Korean Speech Recognition**, arXiv