

# Soohwan Kim



## AI Research Engineer

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

**Email** sh951011@gmail.com

**Nationality** South Korean

**Links** [GitHub](#), [Facebook](#), [Tech Blog](#)

**Phone** +82)-10-4564-4668

**Date / Place of birth** 1995.10.11 / Cheonan City

**Driving license** Class 2

## 01 PROFILE

Current Co-founder & AI Research Engineer of TUNiB. Previously, I worked at Kakao Brain. I have skills and experience in Speech processing and NLP fields, and I am interested in all AI-related engineering. You can check my github (<http://github.com/sooftware>) to see what I've done and I'm doing.

## 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

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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

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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 OTHERS

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### Military Service

- Served and discharged from Republic of Korea Marine Corps (ROKMC)
- 2015.09 - 2017.06 (Sergeant)

### Competition

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

### Publication

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