

Soohwan Kim



AI Research Engineer

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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 AI that enables human-like conversation.
- Responsible for engineering in the team.
- Check more details about TUNiB at [\[link\]](#)

11/2020 — 02/2021

AI Research Engineer at Kakao Brain

Pangyo, Gyunggi

- Research & development the latest NLP & Speech technologies.
- Development of speech modules for NLP open source pororo.
- Check more details about Kakao Brain at [\[link\]](#)

08/2020 — 10/2020

Internship at Kakao Brain

Pangyo, Gyunggi

- Developed English, Chinese, and Korean speech recognition technology.
- Research and development of Wav2vec 2.0 technology

04/2020 — 08/2020

Internship at Spoken Language Lab

Mapo, Seoul

- Dept. of Computer Science & Engineering Sogang University.
- Studied end-to-end speech recognition technologies.
- Check more details about Spoken Language Lab at [\[link\]](#)

07/2018 — 08/2018

Credit-linked Internship at Samsung Multi-Campus

Gangnam, Seoul

- Taking software development training using Java and Database.
- Got an Outstanding-Award among the trainee.

03 EDUCATION

Mar 2014 — Feb 2021

Kwangwoon University

Seoul, South Korea

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 semesters)
- **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.
- Build and leverage conversation data.

Aug 2020 — Feb 2021

Pororo

Kakao Brain

- Platform Of neuRal mOdelS for natuRal language prOcessing [\[link\]](#)
- Development of KakaoBrain's ASR, TTS technologies. [\[link\]](#), [\[link\]](#)

Jan 2020 — Feb 2021

KoSpeech

Kwangwoon Univ.

- Modular & extensible end-to-end Korean automatic speech recognition toolkit [\[link\]](#)
- Received hundreds of stars in GitHub.

05 OTHERS

Military Service

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

Study

- A.I. Speech Paper Reading [\[link\]](#)
- NLP Paper Reading [\[link\]](#)

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