Soohwan **Kim**

AI RESEARCH ENGINEER · SOFTWARE DEVELOPER

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"Toward Human-like A.I."

Work Experience

TUNiB Inc.   *Gangnam, Seoul*
CO-FOUNDER, AI RESEARCH ENGINEER   *Mar. 2021 - Present*
- Research and develop the latest NLP technology. (especially open-domain dialogue)

Kakao Brain   *Pangyo, Gyunggi*
AI RESEARCH ENGINEER   *Nov. 2020 - Feb. 2021*
- Open-source development that reflects the latest technology in NLP (e.g. pororo)

Internships

Kakao Brain   *Pangyo, Gyunggi*
INTERNSHIP   *Aug. 2020 - Oct. 2020*
- Researched and developed automatic speech recognition technogy.

Spoken Language Lab (of Sogang Univ.)   *Mapo, Seoul*
INTERNSHIP   *Apr. 2020 - Aug. 2020*
- Studied speech recognition technologies based on deep learning algorithm.

Education

Kwangwoon University   *Seoul, South Korea*
BACHELOR OF ENGINEERING, MAJOR IN ELECTRONIC & COMMUNICATION, MINOR IN DATA SCIENCE   *Mar. 2014 - Feb. 2021*
- **Major GPA** : 3.90 / 4.5, **Total GPA** : 3.67 / 4.5
- **Scholarship** : Samsong Scholarship (2020, 2019), Bima Scholarship (2019-Spring, 2018-Fall, 2018-Spring)
- **Honors** : President's Award, People's Choice Award (Kwangwoon Engineering Festival), Best Award (Multi-Campus), People's Choice Award (Startup Idea Contest), School Representative (SKT 5G-based Convergence Idea Contest)

Project Experience

PORORO: Platform Of neuRal mOdels for natuRal language prOcessing   *Kakao Brain*
TEAM MEMBER   *Sep. 2020 - Mar. 2021*
- PORORO performs Natural Language Processing and Speech-related tasks. [link]

KoSpeech: Open-Source Toolkit for End-to-End Korean Speech Recognition   *Kwangwoon Univ.*
TEAM LEADER   *Jan. 2020 - Feb. 2021*
- Modular and extensible end-to-end Korean automatic speech recognition toolkit [link]

Multilingual Text-To-Speech   *Kakao Brain*
THE PERSON IN CHARGE   *Oct. 2020 - Feb. 2021*
- Development of Kakao Brain's multilingual-TTS technology. [link]

Military Service

ROKMC   **Served and discharged from Republic of Korea Marine Corps as Signaller, Sergeant,** 2015.09 - 2017.06

Publication

2021   **Open-Source Toolkit for End-to-End Korean Speech Recognition**, ELSEVIER, SIMPAC, Volume 7, 100054
2020   **KoSpeech: Open-Source Toolkit for End-to-End Korean Speech Recognition**, arXiv, 2009.03092