



NOKYUNG PARK

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EDUCATION

Korea University

Bachelor in Computer Science and Engineering

Major GPA: 4.33 / 4.5, Cumulative GPA: 4.22 / 4.5

Seoul, South Korea

Mar 2018 - Feb 2022

Korea university Seoul, South Korea

Master student in Computer Science and Engineering

Advisor: Prof. Jinkyu Kim

Seoul, South Korea

Mar 2022 -

RESEARCH EXPERIENCE

Vision and AI Lab, Korea University

Mar 2022 -

- Master Student (*Advisor: Prof. Jinkyu Kim*)

- Researching on Behavior/Trajectory prediction with Domain Generalization

Vision and AI Lab, Korea University

Jul 2021 - Feb 2022

- Undergraduate Researcher (*Advisor: Prof. Jinkyu Kim*)

- Participating the paper *Grounding Visual Representations with Texts for Domain Generalization*

- Making robust classification regardless of domains with text.

TECHNICAL SKILLS

Programming Language:

Python, C, JAVA

Tools:

PyTorch, TensorFlow

INTEREST FIELDS

- eXplainable Artificial Intelligence
- Domain Generalization
- Behavior/Trajectory Prediction

PROJECTS

Behavior Prediction with Domain Generalization

Jan 2022 -

- Currently in progress.

- Looking for losses or modules that make robust predictions regardless of the domain such as city, etc.

Grounding Visual Representations with Texts for Domain Generalization

Aug 2021 - Nov 2022

- Awaiting decision status. (ECCV2022)

- Domain generalization with text

- Align image features and text features.

- Participating in this paper as the second author.

Speech Emotion Recognition with Text Features

Sep 2021 - Nov 2021

- A project conducted in the university's natural language processing class (COSE461).

- About the importance of text information in the field of Speech Emotion Recognition.

- Through this project, I concluded that text information is of great help to Speech Emotion Recognition.

- github: [noparkee/Natural-Language-Process-Team-Project](https://github.com/noparkee/Natural-Language-Process-Team-Project)

Currency Recognition Service for the Blind

Sep 2021 - Nov 2021

- A project conducted in the university's capstone design class (COSE489).

- Designing a model used in the app that tells the blind how much money it is when they show bills or coins with

their cell phone cameras. I made a model for the app and used TFLite.

- github: [noparkee/Capstone-Design](https://github.com/noparkee/Capstone-Design)

Smart Campus (COVID-19 Dashboard)

Jun 2021 - Nov 2021

- Making the dash board contents related to COVID-19.
- Defining an equation for the risk of local districts was calculated through congestion or public transportation traffic.
- Defining an equation for the individual's risk of covid-19, using the route of movement, activity content, and the surrounding covid-19 situation.

AWARD

- Scholarship for Outstanding Performance in the Second Semester of 2021