Kyungro Lee

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Research Interests

Natural Language Processing(NLP), Neural Dialogue System, Persona-based Neural Conversation

Education

Gwangju Institute of Science and Technology (GIST)   *Gwangju, Korea*

M.S. in AI Graduate School   *Mar 2023 - Current*

- Data Mining and Computational Biology lab, advised by Hyunju Lee

Incheon National University   *Incheon, Korea*

B.S. in Computer Science and Engineering; GPA: 4.16 / 4.5   *Mar 2017 - Feb 2023*

- Compulsory military service in the Republic of Korea Army (2019-2020)

Projects

Building Wild Animal Detection Smart CCTV System for Preventing Crop Damage   *Incheon, Korea*

Incheon National University   *Sep 2021 - Jun 2022*

- Graduation Project
- Preventing wild animal from damaging crops resources.
- Smart CCTV system using Raspberry Pi. Used OpenCV, YOLOv4 as AI model and Flask, SQLite as backend programming.

POSCO 20th AI, Big data academy   *Pohang, Korea*

POSCO, POSTECH   *Oct 2022 - Dec 2022*

- Analysing infant sales data for diaper company to increase income. Used Pandas, NumPy, Matplotlib, Sklearn, etc. in Python.
- Building AI-based industrial logistics robot. Used Turtlebot3 as a robot and OpenAI gym as reinforcement learning model.

Programming Skills

Python	Advanced in Pandas, PyTorch, NumPy, Scikit-learn, etc.
Front-end	Intermediate in HTML, css, Javascript, Markdown
etc.	Linux, Raspberry Pi, Shell (Bash/Zsh), LaTeX(Overleaf), Git, etc.

Achievements

- **1st Award in Big data, AI project in POSCO academy.**, POSCO   *Nov, Dec 2022*
- **Silver Prize for graduation project**, Incheon National University   *Apr 2022*
- **Full Scholarship for Undergraduate Students**, Incheon National University   *2017 - 2022*

Languages

Korean	Native proficiency
English	Professional proficiency