Bitna Keum

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INTRODUCTION

I am currently senior in Computer and Information Engineering at Kwangwoon University. I'm really interested in NLP, especially Chatbot. My long-term goal is making manlike, friendly chatbot which can even replace a 'real' friend. To reach my goal, I'm continuously studying concepts of NLP and have ever made basic chatbot that can take order or reservation. To grow myself, I want to study more about the field of NLP and to communicate with people who have same interests as me.

EDUCATION

Kwangwoon University   Mar. 2017 ~ Present
Bachelor of Engineering, Department of Computer and Information Engineering   *Nowon-gu, Seoul*
GPA 4.14 / 4.5

RESEARCH INTEREST

- **Natural Language Processing**
    - I'm interested in researching named entity recognition, intention classification, sentiment analysis and so on.
    - I have done BERT based project and would like to deal with many other models. (e.g. Transformer, GPT)
    - Chatbot is my biggest passion.

- **Deep Learning**
    - I laid the groundwork for Deep Learning. I can apply it by using PyTorch, Tensorflow(+Keras).
    - I'm interested in making model architecture more efficient.

WORK EXPERIENCES

- **Internship** at GNC Solution Co., Ltd.   Sep. 2019 ~ Feb. 2020
    - Learning about Deep Learning and Natural Language Processing   *Songpa-gu, Seoul*
    - Developing Q&A Program based BERT
    - Stock Analysis

- **Development Part-time Job** at Esoftware Co., Ltd.   Oct. 2019 ~ Dec. 2019
    - Developing .NET framework Application Software   *Songpa-gu, Seoul*
    - Software UI/UX Design
    - Management of Database by SQL Query

AWARDS AND HONORS

2020   **President's Award** (1st place), Idea Contest for Utilizing AI, *Kwangwoon University*

2020   **Excellence Award**, Autonomous Semester Design & Development Project, *Kwangwoon University*

2020, 2018   **Academic Excellence Scholarship**, *Kwangwoon University*

SKILLS

- **Programming Skills**
  - Python, C/C++, Java, JavaScript, HTML, R, SQL

- **Language Skills**
  - Korean (Native), English (TOEIC 855), Chinese (Beginner)