

# Hoon Heo

UNDERGRADUATE STUDENT, HANKUK UNIVERSITY OF FOREIGN STUDIES

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## Research Interest

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Natural Language Processing, Machine Learning, Information Retrieval

## Education

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### Hankuk University of Foreign Studies (HUFS)

Seoul, South Korea

B.A. IN PORTUGUESE / B.E. IN SOFTWARE CONVERGENCE

Mar. 2015 - Sep. 2019

- Cumulative GPA : 4.19/4.50

## Awards & Scholarship

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### Award for analyzing Big Data

Gyeong-gi, South Korea

GYEONGGI CONTENT AGENCY

Aug. 2018

- Designed chatbot for educational purpose on frequently used English idioms and expressions extracted from massive amount of movie and TV drama scripts

### First Distinction Scholarship

Seoul, South Korea

HANKUK UNIVERSITY OF FOREIGN STUDIES

Spring 2018, Fall 2018

## Teaching

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### Computer Programming II

HUFS, Seoul, South Korea

TEACHING ASSISTANT

Aug. 2018 - Feb. 2019

- Covered basic Python programming
- Ran laboratories once a week, had office hours every week, answered questions in person and online, marked quizzes and assignments

## Volunteering

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### Coding Volunteering group, <Be a Coding Hero>

Gyeong-gi, South Korea

MICROSOFT KOREA & JA KOREA

Sep. 2017 - Dec. 2017

- Taught kids the concept of computer programming using un-pluggend coding education methods
- Made them improve capability of 'Computational Thinking' by letting them design and developed Future smart city by themselves using Kodu Game Lab

### International Volunteering in Cambodia

Siem reap, Cambodia

DONGGUK UNIVERSITY

Summer 2013

- Taught basic knowledge of how to use computer, MS word and excel
- Made cultural exchange program between South Korea and Cambodia

## Language

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Native in **Korean**, Fluent in **English**, Intermediate in **Portuguese**

## Extracurricular Activity

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### Modulabs Group Study

Seoul, South Korea

REGULAR MEMBER

Feb. 2019 - Present

- attend FNLP(Fundamental of Natural Language Processing) Lab which is aimed at understanding research papers about NLP
- attend Deep NLP Lab which is aimed at studying NLP and participating NLP competition held in South Korea

### ML & Natural Language Processing Group Study

Seoul, South Korea

REGULAR MEMBER

Dec. 2018 - Present

- attend weekly sessions reviewing awesome papers
- study with colleagues for solving on Kaggle Deep learning problem

### Professional Course for Big Data Analysis

Suwon, South Korea

REGULAR MEMBER

Jun. 2018 - Aug. 2018

- learnt various open source which is used in Big data fields such as Hadoop eco-system(Hadoop, Flume, Hive, Hbase, Sqoop, Zookeeper), Kafka and Spark
- participated Big data analysis competition and won a First prize in class competition and 5th prize in whole-level competition

### Club Activity on IT trends

Seoul, South Korea

REGULAR MEMBER

Sep. 2017 - Jan. 2018

- attended weekly sessions discussing about topics on IT
- did team project on IoT Smart home with Arduino

## Skills & Certificates

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**PROGRAMMING LANGUAGE:** Python, Java, C, R, Javascript, SQL, Shell Script

**LIBRARIES:** Tensorflow, PyTorch, KoNLPy, NLTK, Keras

**WEB FRAMEWORK:** Spring Framework, Django, Express.js

[ CERTIFICATES ]

- Engineering Information Processing, National Technical Qualification Certificate, South Korea
- SQL Developer, Korea Data Agency, South Korea