

Hoon Heo

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Research Interest

Natural Language Processing, Machine Learning, Information Retrieval

Education

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

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

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

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

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

Extracurricular Activity

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

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