

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

Mar. 2015 - Aug. 2019

- Cumulative GPA : 4.19 / 4.50

Awards & Scholarship

Best Big Data Analysis Award

Gyeong-gi, South Korea

GYEONGGI CONTENTS AGENCY

Aug. 2018

- We designed chatbot for educational purpose on frequently used English idioms and expressions extracted from massive amount of English movie and TV drama scripts using Kakao Plus-friend API, Django, Spark, etc.

First Distinction Scholarship

Seoul, South Korea

HANKUK UNIVERSITY OF FOREIGN STUDIES

Spring 2018, Fall 2018

Teaching

NVIDIA Korea DLI / AI Conference

NVIDIA, Seoul, South Korea

TEACHING ASSISTANT

Jul. 2019

- Conducted Computer Vision session teaching assistant at NVIDIA Deep Learning Institute
- Also conducted NVIDIA AI Conference teaching assistant and organized Conference with NVIDIA Korea employees

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, and marked assignments

Volunteering

Coding Volunteering group, <Be a Coding Hero>

Gyeong-gi, South Korea

MICROSOFT KOREA & JA KOREA

Sep. 2017 - Dec. 2017

- Taught kids the basic concept of computer programming using Un-pluggend Coding education methods
- Help students improve capability of 'Computational Thinking' by letting them design and develop Future smart city concept by themselves using 'Kodu Game Lab'

International Volunteering in Cambodia

Siem reap, Cambodia

DONGGUK UNIVERSITY

Summer 2013

- Taught basic knowledge how to use computer, MS Word and MS Excel
- Conducted 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

- Attended FNLP(Fundamental of Natural Language Processing) Lab which is aimed at understanding fundamental NLP research papers
- Attended DeepNLP 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

- Attended weekly sessions reviewing awesome Deep-learning papers
- Studied with colleagues for solving Kaggle Deep learning problems

Professional Course for Big Data Analysis

Suwon, South Korea

REGULAR MEMBER

Jun. 2018 - Aug. 2018

- Learnt various open source softwares which are 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 IT topics
- Had team project on IoT 'Smart home' with Arduino

Skills & Certificates

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

LIBRARIES: PyTorch, Tensorflow, KoNLPy, NLTK, Keras

WEB FRAMEWORK: Django, Express.js, Spring-boot

[CERTIFICATES]

- Engineering Information Processing, National Technical Qualification Certificate, South Korea
- SQL Developer, Korea Data Agency, South Korea
- Computer Vision DLI Certificates, NVIDIA, United States