Hoon **Heo**

UNDERGRADUATE STUDENT, HANKUK UNIVERSITY OF FOREIGN STUDIES

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Research Interest

Natural Language Processing, Deep Learning

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 : 4.23 / 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-fried API, Django, Spark, etc.

First Distinction Scholarship   *Seoul, South Korea*

HANKUK UNIVERSITY OF FOREIGN STUDIES   *Spring 2018, Fall 2018*

Teaching

NVIDIA Korea Deep Learning Institute   *NVIDIA, Seoul, South Korea*

TEACHING ASSISTANT   *Jul. 2019*

- Was a teaching assistant for Computer Vision session at NVIDIA Deep Learning Institute

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
- Helped students improve capability of 'Computational Thinking' by letting them design and develop the concept of Future smart city 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
- Ran 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 "Fundamental of Natural Language Processing" Lab which is aimed at understanding breakthrough NLP research papers

Deep Learning Paper review Study   *Seoul, South Korea*

Regular Member   *Dec. 2018 - Present*
- Attended weekly sessions reviewing awesome Deep-learning papers

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, spaCy, NLTK, KoNLPy

DEVELOPMENT FRAMEWORK: Django, Express.js, Android

[CERTIFICATES]

- Engineering Information Processing, National Technical Qualification Certificate, South Korea
- SQL Developer, Korea Data Agency, South Korea
- Natural Language Processing DLI Certificate, NVIDIA, United States [pdf]
- Computer Vision DLI Certificate, NVIDIA, United States [pdf]
- Multi-GPU DLI Certificate, NVIDIA, United States [pdf]