

Hoon Heo

UNDERGRADUATE STUDENT, HANKUK UNIVERSITY OF FOREIGN STUDIES

302, 46-4, Cheonjangsan-ro 7-gil, Dongdaemun-gu, Seoul, Republic of Korea

✉ huffonism@gmail.com

🌐 <https://huffon.github.io>

📷 huffon

📺 huffonism

Research Interest

Natural Language Processing, Deep Learning, Mobile 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

AI Starthon Finalist

Seoul, South Korea

NIPA / NAVER

Aug. 2019

- Participated in AI Starthon 2019, the biggest Artificial Intelligence competition in Korea with colleagues and solved three tasks out of twenty Machine Learning problems: Textual Similarity, Question Answering, Intent Classification
- Result: ranked **1st @Textual Similarity**, **2nd @Question Answering** and **5th @Intent Classification**

Best Big Data Analysis Award

Gyeong-gi, South Korea

GYEONGGI CONTENTS AGENCY

Aug. 2018

- Designed chatbot for educational purpose on frequently used English idioms and expressions extracted from massive English movie and TV drama script data 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 Deep Learning Institute

NVIDIA, Seoul, South Korea

TEACHING ASSISTANT

Jul. 2019

- Conducted TA (Teaching Assistant) role in the **Computer Vision** session @NVIDIA Korea Deep Learning Institute

Computer Programming II

HUFS, Seoul, South Korea

TEACHING ASSISTANT

Aug. 2018 - Feb. 2019

- Covered **basic Python programming**
- Ran laboratories and had office hours every week. Also answered students' 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 **Unplugged Coding** education methods
- Helped students improve the 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 basics on how to use computer, MS Word and MS Excel
- Ran a cultural exchange program between South Korea and Cambodia

Language

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

Extracurricular Activity

Monthly Natural Language Processing

[Facebook Page](#)

ADMINISTRATOR

Oct. 2019 - present

- Manages **Facebook Page** which is about the latest Natural Language Processing news, articles, papers, and libraries. Currently over **1K** people like this page and enjoy my posts. [link]

AI Robotics KR NLP Study

[Seoul, South Korea](#)

STUDY LEADER

Jul. 2019 - Nov. 2019

- Held NLP study sessions every week as a study leader and organized the curriculum. Reviewed related papers and studied NLP libraries such as spaCy and tutorials on PyTorch

Professional Course for Big Data Analysis

[Suwon, South Korea](#)

REGULAR MEMBER

Jun. 2018 - Aug. 2018

- Learnt various open-source softwares which are used in Data engineering 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 the class competition and 5th in the whole-level competition

Club Activity on IT trends

[Seoul, South Korea](#)

REGULAR MEMBER

Sep. 2017 - Jan. 2018

- Attended weekly sessions discussing IT topics
- Had a team project on IoT 'Smart home' using various Arduino modules

Skills & Certificates

PROGRAMMING LANGUAGE: **Python**, **Dart**, Java, C, SQL, Shell Script

LIBRARIES: **PyTorch**, Tensorflow-lite, spaCy, KoNLPy

DEVELOPMENT FRAMEWORK: **Flutter**, Django, Express.js

[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]