

# Hyungrok Kim

<https://rokrokss.com>

 : <https://github.com/q0115643>

 : +821089595643

 : [hyungrok.kim@kaist.ac.kr](mailto:hyungrok.kim@kaist.ac.kr)

## PROFILE

I am working for PUBG as a Platform Engineer.  
Belonged in Industrial Design department for 2 years, then moved to Computer Science.  
Studied Data Science and NLP trying to understand the linguistic communication of emotions.  
Currently interested in Microservice Architecture, studying to become an expert platform engineer.

## WORK EXPERIENCES

### PUBG

Platform Engineer

Jul 2019 - Present

Seoul, Republic of Korea

### UILAB

(<http://uilab.kr/>)

Undergraduate Researcher

Study on Metaphor Comperhension

Jul 2018 - Dec 2018

Dajeon, Republic of Korea

## ORGANIZATION

### Korea Design Membership

(<http://kidp.or.kr>)

Attend various design classes

Mar 2016 - Feb 2018

## EDUCATION

### Korea Advanced Institute of Science and Technology

B.S. in Computer Science

Minor in Industrial Design

Mar 2014 - Present

Daejeon, Korea

## CORSEWORKS

### CS Major

CS574 Natural Language Processing

CS570 Artificial Intelligence and Machine Learning

CS492 Introduction to Machine Learning

CS474 Text Mining

CS470 Introduction to Artificial Intelligence

CS330 Operating Systems and Lab

CS320 Programming Language

CS311 Computer Organization

CS300 Introduction to Algorithms

CS230 System Programming

CS206 Data Structure

CS204 Discrete Mathematics

### Others

ID307 Interface Design

ID220 Interaction Prototyping

ID302 Space Design

ID301 Product Design Factors

ID219 Computer-Aided Design

ID214 Digital Design Graphics

ID213 Product Design Fundamentals

ID212 Three-Dimensional Design

ID217 Presentation Technique

ID218 Photo Techniques

ID215 Introduction to Industrial Design

MAS109 Introduction to Llinear Algebra

MAS205 Probability and Statistics

## PROJECTS

### REST Countries

<https://naranara.net>



Simple react webpage of listing various country information.

React, Redux, Typescript, Webpack, Babel, Sass

May 2019

### Arithmetic Hash



Build LSTM-based query encoder designed to replace the hash algorithm of p2p network

Pytorch, RNN, Markov Model

Jan 2019

### GCN-RNNG based Korean NMT



Syntax-Aware Model for Neural Machine Translation with Morpheme Structure in Korean

Pytorch, SyntaxNet, GCN, RNNG, KoNLPy, Word2Vec

May 2018 - Aug 2018

### Neural Poetry Scansion



Based on Original Paper (Proceedings of AAAI 2016)

deep-learning approach to improve performance on poetry-analysis

Pytorch, BiLSTM-CRF, Word2Vec

May 2018 - Aug 2018

### HarmonyTable



Hardware project of combining harmony & turntable in Interaction Prototyping

Arduino

Sep 2016 - Oct 2016

### FlyDuck



Tangible Interface Game

Processing, Arduino

Nov 2016 - Dec 2016