Hyungrok Kim

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PROFILE

Unexperienced but passionated student developer anticipating for the first job to open my career. Belonged in Industrial Design department for 2 years, moved to Computer Science 2 years ago. Studied Data Science and NLP trying to understand the linguistic communication of emotions. Believes firmly that I will relish working as a web developer and serve people with better lives.

WORK EXPERIENCES

PLAYSOLUTION(http://povi.co.kr/)
Intern, Frontend Developer

Design and Develop Web Dashboard used tomanage exchanges between content-providers, store-owners, distributers.

Angular2, Typescript
Jul 2017 – Aug 2017   Dajeon, 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	Others
CS574 Natural Language Processing	ID307 Interface Design
CS570 Artificial Intelligence and Machine Learning	ID220 Interaction Prototyping
CS492 Introduction to Machine Learning	ID302 Space Design
CS474 Text Mining	ID301 Product Design Factors
CS470 Introduction to Artificial Intelligence	ID219 Computer-Aided Design
CS330 Operating Systems and Lab	ID214 Digital Design Graphics
CS320 Programming Language	ID213 Product Design Fundamentals
CS311 Computer Organization	ID212 Three-Dimensional Design
CS300 Introduction to Algorithms	ID217 Presentation Technique
CS230 System Programming	ID218 Photo Techniques
CS206 Data Structure	ID215 Introduction to Industrial Design
CS204 Discrete Mathematics	MAS109 Introduction to LInear Algebra
	MAS205 Probability and Statistics

PROJECTS

ROKUROKU
https://rokuroku.work/

Build web to show japanese old short-comics to viewers but mainly for my personal web development practice.

Django, React, Create-React-App, JavaScript, Sass, Nginx, uWSGI, Docker
Mar 2019 – Dec 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

FlyDuck

Tangible Interface Game

Processing, Arduino
Nov 2016 – Dec 2016

Neural Poetry Scansion

Based on Original Paper(Proceedings of AAAI 2016), deep-learning apporach to improve performance on poety-analysis

Pytorch, BiLSTM-CRF, Word2Vec
May 2018 – Aug 2018

HarmonyTable

Hardware project of combining harmony & turntable in Interaction Prototyping

Arduino
Sep 2016 – Oct 2016

Rich Context Competition
https://coleridgeinitiative.org/richcontextcompetition

Deep Learning based model to comprehend scientific researches extract research fields, methods, and dataset usages

Pytorch, ELMo, BiLSTM-CRF, Word2Vec
Nov 2018 – Dec 2018

Logo Design for Aging.kaist.ac.kr

Their name used to be "WATCH", the lab with a focus on aging, social welfare, and technology policy at KAIST

Feb 2016