

Youngin Kwon

Masters in AIGS(Artificial Intelligence of Graduate School)

UNIST(Ulsan National Institute of Technology)

50, UNIST-gil, Ulsan, 44919, Republic of Korea

younginkwon@unist.ac.kr | [linkedin.com/in/younginkwon](https://www.linkedin.com/in/younginkwon) | github.com/jerrykwon | [kaggle.com/kwonyoung234](https://www.kaggle.com/kwonyoung234)

EDUCATION

Pukyong National University

Bachelor of Business Administration and Computer Engineering

Busan, Republic of Korea

Mar 2013 Feb 2020

- GPA: 4.1 / 4.5
- Award Grand prize of Database Architecture Competition by Korea Data Agency

Ulsan National Institute of Technology

Masters of Artificial Intelligence of Graduate School; Statistical Decision Making(SDM) Lab

Ulsan, Republic of Korea

Expected Feb 2023

- GPA: 3.8 / 4.3

RESEARCH INTEREST

Fairness and Robustness of Recommender System Multi-Armed Bandit(MAB) Algorithm

EXPERIENCE

Junior Database Administrator (Intern)

KOLON BENIT Co., Ltd.

July 2019 – Oct 2019

Gwacheon, Republic of Korea

Junior Database Administrator

KOLON BENIT Co., Ltd.

Nov 2019 – Oct 2020

Gwacheon, Republic of Korea

- Job description 1 Database Management (Oracle, SQL Server)
- Job description 2 Oracle Performance Tuning
- Job description 3 Database Architecture

PROJECTS

WOBandit: Weighted Ordinal Bandit for Newspaper Recommender System

| *Recommender System by Bandit Algorithm*

Mar 2021 – Dec 2021

- Derive Regret Bound of WOBandit
- WOBandit by Weighted Least Square Estimator

Text2SQL: SQL Aggregation and Join Clause by Korean Natural Language (The 11th Official Statistics and Methodology Symposium, Statistics Korea)

| *Natural Language Processing*

July 2021 – Sep 2021

- Transformer by Pytorch

Twitter RecSys Challenge 2021 | Recommender System

Mar 2021 – June 2021

- Feature Engineering by Deep Averaging Network(DAN) for Sentence Embedding

Melon Playlist Continuation (Kakao Arena 3rd Competition)

| *Recommender System by Collaborative Filtering*

Dec 2019 – Mar 2020

- Hybrid(Content/Item-based) Collaborative Filtering
- Neural Collaborative Filtering by Keras

System to brokerage helps and errands of neighbors

| *Java(Spring Boot), DA#5, Oracle*

Dec 2019 – Mar 2020

- Define System Requirements
- Architect Logical and Physical Data Model
- Define Data Standards
- Programming backend by Java(Spring Boot) and Oracle

ASMR(Animal Shelter Management and Rescue) | *Java, DA#5, Oracle*

Mar 2019 – Nov 2019

- Define System Requirements
- Architect Logical and Physical Data Model
- Define Data Standards
- Programming full stack by Java and Oracle

Logical Data Model Architect for Data Migration System | *DA#5*

June 2018 – Nov 2018

- Analyze System Requirements
- Architect Logical Data Model
- Define Data Standards

ACTIVITIES

LG Electronics DX Intensive Course | *Teaching Assistant*

Nov 2021 – Dec 2021

- Recommender System for Water Purifier Mode

AI Novatus Academia | *Teaching Assistant*

Mar 2021 – June 2021

- Clustering Thyroid Disease Patients
- Object Detection by Yolo_v4 and GAN for Data Generation

TECHNICAL SKILLS

Languages: python3, SQL**Frameworks:** pytorch, Oracle, SQL Server