

[🏠 yoori000.github.io](https://yoori000.github.io) | [in Yoori Oh](#) | [✉ yoori0203@snu.ac.kr](mailto:yoori0203@snu.ac.kr)

Research interests Multi-modal, Audio-Language, Speech Synthesis, Machine Learning, Deep Learning

Education **Seoul National University** Seoul, Korea
Ph.D in Intelligence and Information Sep. 2020 – Present
Advisor: Prof. Kyogu Lee

Sookmyung Women's University Seoul, Korea
M.S in Computer Science Mar. 2015 – Feb. 2017
Advisor: Prof. Yoonhee Kim

Sookmyung Women's University Seoul, Korea
B.S in Mathematics and Computer Science Mar. 2010 – Feb. 2015

Work Experiences **Korea Institute of Patent Information** Daejeon, Korea
Researcher Aug. 2017 – Aug. 2020

Korea Institute of Patent Information Daejeon, Korea
Intern Apr. 2017 – Aug. 2017

Honors and scholarships Teaching assistance scholarship (Seoul National University) 2024
Brain Korea 21 Plus scholarship 2020 - 2023
Bronze Award (12th open source software developer competition) 2018. 11
Best Presentation Award (KIISE, KSC 2016) 2017. 01
Bronze Best Paper Award (IEEE Student Paper Contest) 2016. 12
Grand Prize (2015 Convergence App Contest) 2015. 12
Best Paper Award (KSII 2015) 2015. 10

Publications [International Conferences](#)
Distance Sampling-based Paraphraser Leveraging ChatGPT for Text Data Manipulation
Yoori Oh*, Yoseb Han*, and Kyogu Lee
ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR), 2024

Semi-supervised Learning for Continuous Emotional Intensity Controllable Speech Synthesis with Disentangled Representations
Yoori Oh, Juheon Lee, Yoseb Han, and Kyogu Lee
INTERSPEECH, 2023

Exploring Train and Test-Time Augmentations for Audio-Language Learning

Eungbeom Kim*, Jinhee Kim*, **Yoori Oh**, Kyungsu Kim, Minju Park, Jaeheon Sim, Jinwoo Lee, and Kyogu Lee

arxiv, 2022

A Hybrid Cloud Resource Clustering Method Using Analysis of Application Characteristic

Yoori Oh and Yoonhee Kim

IEEE 2nd International Workshops on Foundations and Applications of Self Systems (FAS*W), 2017*

A SLA-based Spark Cluster Scaling Method in Cloud Environment

Yoori Oh, Jieun Choi, Eunjung Song, Moonji Kim, and Yoonhee Kim

18th Asia-Pacific Network Operations and Management Symposium (APNOMS), 2016

International Journals

A Resource Recommendation Method based on Dynamic Cluster Analysis of Application Characteristics

Yoori Oh and Yoonhee Kim

Cluster Computing, 2019

Domestic Conferences

Hybrid Approach Combining Deep Learning and Rule-Based Model for Automatic IPC Classification of Patent Documents

Yongil Kim, **Yoori Oh**, Woonchul Sim, Bongsoo Ko, and Bonggun Lee

KIISE, HCLT 2019

Core Syntax Extraction Method considering Characteristics of Claims for Building Patent Knowledge Base

Jaeok Min, **Yoori Oh**, Bonggun Lee, and Yoonho Jung

KIISE, KSC 2018

A Comparative Analysis for the Extraction of Similar Patent Claims based on Word Embedding

Yoori Oh, Jaeok Min, Yongil Kim, Daejung Kim, Yongkyun Park, and Bonggun Lee

KIISE, KSC 2017

A Design of Software-Defined Computing Platform for Scientific Experiments over Hybrid Resources

Julim Ahn, Jieun Choi, **Yoori Oh**, Seoyoung Kim, and Yoonhee Kim

KIISE, KCC 2017

An Adaptive Data Placement Strategy for Data-Intensive Scientific Applications

Heewon Kim, **Yoori Oh**, Jieun Choi, Seoyoung Kim, and Yoonhee Kim

KIISE, KCC 2017

A Cloud Resource Classification Method using Analysis of Application Characteristic Clustering

Yoori Oh, and Yoonhee Kim

KIISE, KSC 2016

Autoscaling Method based on SLA of Spark Clusters

Yoori Oh, Jieun Choi, and Yoonhee Kim

KNOM 2016

A Design of Personal Chronic Disease Feedback System Using Analysis of Diet

Youngran Jeon, **Yoori Oh**, Jieun Choi, Jieun Lee, and Yoonhee Kim

KIISE, KSC 2016

A Design of Personalized Daily Nutrition Feedback System for Cultivating Healthy Eating Habit

Yoori Oh, Jieun Choi, Youngran Jeon, and Yoonhee Kim

KIPS 2015

A Design of Verification System on TV Recommended Contents Using SNS Review Data Mining

Moonji Kim, Hyungji Kim, Jiyeon Lee, Sumin Kim, **Yoori Oh**, and Yoonhee Kim

KSII 2015

A Design of a Personalized Dietary Coaching System Using Voice Recognition

Yoori Oh, Younsun Ahn, and Yoonhee Kim

KIPS 2015

[Domestic Journals](#)

A Resource Clustering Method Considering Weight of Application Characteristic in Hybrid Cloud Environment

Yoori Oh and Yoonhee Kim

KIISE Transactions on Computing Practices, Vol. 23, No. 8, pp. 481-486, 2017. 8

A Customized Healthy Menu Recommendation Method Using Content-Based and Food Substitution Table

Yoori Oh and Yoonhee Kim

*KIPS Transactions on Software and Data Engineering, Vol.6, No.3 pp.161-166
pISSN: 2287-5905, 2017. 3*

A Personalized Dietary Coaching Method Using Food Clustering Analysis

Yoori Oh, Jieun Choi, and Yoonhee Kim

*KIPS Transactions on Software and Data Engineering, Vol.5, No.6 pp.289-294
pISSN: 2287-5905, 2016. 6*

Patents

METHOD AND APPARATTUS FOR AUGMENTING AUDIO-TEXT MULTIMODAL DATA IN TRAIN AND TEST TIME

Kyogu Lee, Jinhee Kim, Eungbeom Kim, **Yoori Oh**, Jaeheon Sim, Jinwoo Lee, Kyungsu Kim, and Minju Park

PCT, application number : PCT/KR2023/017075, 2023. 10

METHOD AND APPARATTUS FOR AUGMENTING AUDIO-TEXT MULTIMODAL DATA IN TRAIN AND TEST TIME

Kyogu Lee, Jinhee Kim, Eungbeom Kim, **Yoori Oh**, Jaeheon Sim, Jinwoo Lee, Kyungsu Kim, and Minju Park

KR, application number : 10-2023-0146812, 2023. 10

METHOD AND APPARATUS FOR STRUCTURING PATENT CLAIMS

Youngmin Ahn, Hojin Park, Suhyun Oh, Jonghyun Chae, Bong-Gun Lee, Yoonho Jung, Jaeok Min, and **Yoori Oh**

KR, registration number : 10-2181677, 2020. 11

MOBILE TERMINAL CONTROL METHOD FOR PERSONALIZED DIETARY COACHING

Yoonhee Kim, Jieun Choi, **Yoori Oh**, and Youngran Jeon

KR, registration number : 10-2016263, 2019. 8

Teaching experience

Teaching assistant, Seoul National University

Spring 2024

Course title : From Sound to Meaning (Prof. Kyogu Lee)