

Raeyoung Chang

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EDUCATION

University of Toronto / Government Scholarship

Graduate

2025 AI Convergence Education Program(Meng)
Sponsored by the Korean Government (IITP)
Selected as one of the 34 final candidates

Toronto

Jan. 2025 – Jul. 2025

Sogang University (GPA 4.24/4.5) / Full-ride Government Scholarship

Graduate

Master of Computer Science (AI)
Bigdata Processing & DB LAB
Research Area: Multi Agent System, KG-RAG

Seoul

Feb. 2024 - Now

Konkuk University (GPA 3.31/4.5)

Undergraduate

Management of Technology and Real Estate

Seoul

Mar. 2012 - Feb. 2019

CONFERENCE

GEMMAS: Graph-based Evaluation Metrics for Multi Agent Systems

EMNLP Industry Track 2025

Oral Session

Nov.2025

arXiv preprint arXiv:25507.13190

Session-based recommendation system through a session graph creation

KSC 2024

Oral Session

Dec.2024

PROJECTS

Graph-based Evaluation Metrics for Multi agent Systems

University of Toronto, LG Toronto AI Lab

Evaluation Frameworks for Agentic AI systems project

Jan. 2025 – Now

Funding support from Korean Government (IITP)

Framework with Application-driven Spatio-Temporal Efficiency for Video Anomaly Detection

University of Toronto, Lorex Technology

Video Anomaly detection project

Jan. 2025 – Now

Funding support from Korean Government (IITP)

Fine-tuning a Fashion Domain Image Generation Model Using Self-Instruct

Sogang Univ

Proposing a Text-to-Image model using Self-Instruct for data augmentation and generation

Sep. 2024 – Jan. 2025

Funding support from Sogang University

Session-based recommendation system through a session graph creation

KSC 2024

Proposing a session-based recommendation model to enable effective item recommendations for anonymous users through session similarity

May. 2024 – Dec.2024

Delivered a research presentation at the 2024 KSC Annual Conference(2024.12.18~20)

AI Robot Arm 2D bin packing system

Posco AI.Big data program

Using Jetson nano, Dofbot, Depth cam(real sense), ubuntu, ROS, OpenCV, Yolov5, VMware, gstreamer

Apr. 2023 – Jul. 2023

Won the Excellence Award at the Posco AI. Bigdata Competition project

NLP- Language Modeling Task Kaggle competition

Posco AI.Big data program

Train Language Model for GLUE SST-2 Dataset

Jun. 2023 – Jun. 2023

WORK EXPERIENCE

AI Teaching Assistance (Co-Instructor)

AI Teaching Assistance, Vibe Coding Program for Non-Technical Professionals

LG U+ Magok, Seoul & Fastcampus

Dec. 2025

- Supported a hands-on Vibe Coding program designed for non-technical professionals at LG U+
- Guided participants in AI-assisted development workflows using Google AI Studio and Cursor
- Assisted in building simple databases and data pipelines for AI-enabled MVPs
- Helped participants apply Python-based workflows to prototype practical business use cases
- Skills: Data Engineering (Foundations), Python, Google AI Studio, Cursor

AI Teaching Assistance (Co-Instructor)

AI Teaching Assistance, Generative AI Practical Program for Career and Startup Ready Youth

Gwanak District Office (관악구청) & Fastcampus

Nov. 2025

- Co-instructed a hands-on Generative AI course focused on rapid MVP development using Vibe Coding methodologies
- Guided participants in building functional MVPs with Cursor, leveraging AI-assisted coding workflows
- Introduced applied AI agent concepts and Knowledge Graph-based RAG systems for practical product implementation
- Skills: AI Agents, Knowledge Graph RAG, Cursor, Vibe Coding

AI Mentor

Samsung Fire & Marine Insurance & Fastcampus

AI Mentor, Samsung Fire & Marine Insurance AI Business Expert Program

Sep. 2025 – Oct. 2025

- Served as a mentor in Samsung Fire & Marine Insurance's AI Business Expert Program, jointly operated with FastCamus
- Advised participants on Generative AI and Agentic AI for real-world insurance and business use cases
- Guided applied AI projects from problem definition to model design, focusing on practical deployment, data-driven decision-making, and business impact

POSTECH Institute of Artificial Intelligence

Pohang

POSCO AI.Big data program

Apr. 2023 - Jul. 2023

- Learned Python, AIoT, Machine/Deep Learning, NLP, Computer Vision for 10 weeks
- Win the Excellence-Award Used AI Vision Robotic Arm with ROS bin packing

Hyundai Department Store Group

Seoul

Marketing Team, HQ Sales Planning Department

Apr. 2019 - May. 2022(37 months)

- Created a real-time location-based mobile application in collaboration with the IT team used Computer Vision
- Analyzed the commercial districts and Re-organized online partnerships/internal promotions used Hyundai analytics tool
- Produced "Green" VIP membership vouchers for the elite customers of Hyundai Department Store

Robert Bosch Korea

Yong-in

Global Sales Team Intern(PowerTrain Solution)

Jul. 2018 - Dec. 2018(6 months)

- Assisted powertrain solution trade and durability test with Bosch offices in India, Italy and the HQ in Germany

TECHNICAL SKILLS

Programming Python

Deep Learning Framework TensorFlow, Pytorch, Keras

EXTRA EXPERIENCES(Mentor)

Teaching Assistant (1 class)

Computer Vision

Sogang Univ

Sep. 2024 - Now

Teaching Assistant (6 classes)

Computer Vision, Fundamentals for TensorFlow Utilization Python Programming, Social Media data analytics
Statistical-based data analysis, Blockchain

Mar. 2024 - Jun. 2024

Sogang Univ

Student Mentor

Alumni Career Mentor

Konkuk Univ

Mar. 2021 - Nov. 2021

Accounting Tutor

Peer Student Tutor(accounting)

Konkuk Univ

Mar. 2017 - Dec. 2017

Young Leader's Club

Seoul

CERTIFICATE

Opic(IH)	Aug. 2025
SQL Mathematical Functions – Coursera	Dec. 2022
Retail Marketing Strategy - Coursera	Sep. 2021
Introduction of Marketing - Coursera	Aug. 2021
Market Research and Consumer Behavior - Coursera	Aug. 2021

AWARDS

Oct. 2024	Finalist (Data Processing & Visualization)	<i>Busan Metropolitan (2024 DX Challenge)</i>
Jul. 2023	Excellence-Award (Computer Vision Dofbot bin packing Project)	<i>POSTECH Institute of Artificial Intelligence</i>
Jul. 2023	Best Servant Award (Class Leader)	<i>POSTECH Institute of Artificial Intelligence</i>
Jul. 2023	Best Cooperation Award (Selected by Classmates)	<i>POSTECH Institute of Artificial Intelligence</i>
Oct. 2021	MVP Junior Manager Award	<i>Hyundai Department Store Group</i>
Apr. 2021	Best Innovation Award	<i>Hyundai Department Store Group</i>
Jal. 2018	Top 4: “Korea Investment & Securities Hackathon.”	<i>Korea investment</i>
Jan. 2018	Korea Top 10: “Global student Entrepreneur Awards”	<i>EO</i>
Nov. 2017	Excellence-Award: “Government Job Creation Hackathon”	<i>Seoul Metropolitan</i>
Nov. 2017	President-Award: “Chinese Business Model Idea Hackathon”	<i>Konkuk univ</i>
May. 2017	President-Award: “The 4 th Industrial Revolution Hackathon”	<i>Konkuk univ</i>

