

Munjeong KANG

M.S. Student. Hankuk University of Foreign Studies, Republic of Korea

 [MunjeongKang.github.io](https://github.com/MunjeongKang)

 +82 4620 3379  mj0225868@gmail.com

 Main Research Interest : Optimization, Logistics, Manufacturing, Supply Chain Management








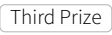











EDUCATION

3/2019 - Present	M.S. Student, Hankuk University of Foreign Studies <ul style="list-style-type: none">> Dept. of Industrial and Management Engineering (Data Analytics)> Optimization Lab
3/2015 - 2/2019	B.S., Hankuk University of Foreign Studies <ul style="list-style-type: none">> Dept. of Industrial and Management Engineering> Dept. of International Finance
3/2012 - 2/2015	Dongsan Christian High School <ul style="list-style-type: none">> Natural Sciences



CONFERENCE PRESENTATION

2019.11.08	Kang, M. , Kyung, J., Lee, C., An Algorithm for TSP with Time Dependent Profits(TSPwTDP), Korean Institute of Industrial Engineers.
2019.06.24	Kang, M. , Lee, Y., Cho, J., Lee, C., Outbound supply chain optimization by a combined approach of reinforcement learning and mathematical programming, Euro 2019, Dublin, Ireland.
2019.04.11	Kang, M. , Lee, Y., Cho, J., Lee, C., A combined approach of reinforcement learning and mathematical programming for a real-world outbound supply chain optimization, Korean Institute of Industrial Engineers.
2018.04.06	Lee, Y., Kang, M. , Kim, N., Lee, C., A column generation based heuristic algorithm for Drone Location and Routing with Altitude, Korean Institute of Industrial Engineers.
2017.10.27	Kang, M. , Kim, N., Lee, Y., Yoon, J., Comparative analysis of Customer Requirements for Online and Offline Mobile Easy Payment Service, Korea Quality Congress.

AWARDS

Optimization of Manufacturing Process Second Prize of LG AI Hackathon Competition.    	2020
Supply Chain Management optimization using Reinforcement Learning  Presentation Third Prize of INFORMS 2019 Analytics & O.R Student Team Competition. 2019 SUMMER GLOBAL HUFS INTERVIEW.    	2019
Drone Surveillance Algorithm Award from Ministry of Science and ICT. 2018 SPRING GLOBAL HUFS INTERVIEW.    	2018
Development and Idea of O2O(Online-To-Offline) Award from Ministry of Gender Equality and Family. Corporate tour of IMF & WORLD BANK.    	2017

PUBLISHED RESEARCH PAPER

An Algorithm for TSP with Time Dependent Profit  TSPwTDP.pdf Kang, M. , Kyung, J., Lee, C., (2020). An Algorithm for TSP with Time Dependent Profits (TSPwTDP). <i>Journal of the Korean Institute of Industrial Engineers</i> ,46(3), 338-348.	2020
Drone Surveillance System Considering Dynamic POIs  DLRwA.pdf Lee, Y., Kang, M. , Kim, N., Lee, C., (2019). Drone surveillance system considering dynamic POIs. <i>Journal of the Korean Institute of Industrial Engineers</i> ,45(5), 416-429.	2019