

# 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](mailto:mj0225868@gmail.com)

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








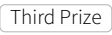











## EDUCATION

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



## CONFERENCE PRESENTATION

2019.11.08	<b>Kang, M.</b> , Kyung, J., Lee, C., An Algorithm for TSP with Time Dependent Profits(TSPwTDP), Korean Institute of Industrial Engineers.
2019.06.24	<b>Kang, M.</b> , 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	<b>Kang, M.</b> , 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., <b>Kang, M.</b> , 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	<b>Kang, M.</b> , Kim, N., Lee, Y., Yoon, J., Comparative analysis of Customer Requirements for Online and Offline Mobile Easy Payment Service, Korea Quality Congress.

## AWARDS

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

## PUBLISHED RESEARCH PAPER

<b>An Algorithm for TSP with Time Dependent Profit</b>  <a href="#">TSPwTDP.pdf</a> <b>Kang, M.</b> , 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
<b>Drone Surveillance System Considering Dynamic POIs</b>  <a href="#">DLRwA.pdf</a> Lee, Y., <b>Kang, M.</b> , 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