

JUNG HO IN

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EDUCATION

M.S in Computational Science & Technology Seoul National University, Seoul, Korea	Sep. 2020 - Present CGPA : 4.2/4.3
B.S in Aerospace & Mechanical Engineering Aircraft System Engineering Korea Aerospace University, Goyang, Korea	Mar. 2010 - Feb. 2014 Class Rank : 4 of 30, CGPA : 3.66/4.5

WORK EXPERIENCE

Samsung Electronics Corporation Engineer <i>R&D Team, Department of Digital Appliance, Suwon, Korea</i> Research on thermo-fluid design of refrigerant system	Aug. 2017 - Aug. 2020
ROK Air Force Aircraft Maintenance Officer <i>The 19th Fighter Wings, Chungju, Korea</i> Supervisor on aircraft maintenance and non-destructive inspection	Jun. 2014 - May. 2017

PROJECTS EXPERIENCE

Deep Learning in Computer Vision Place classifier Emergency Management System, Yonsei Severance Hospital CCTV analyzing system Industry AI HUB, AI Nation SpaceNet Challenge 7 : Time-temporal building extraction in satellite image SpaceNet Risk detector via object detection KCC Corporation	Sep. 2020 - Present
Graph Neural Network Reproducing Open Graph Benchmark	Jun. 2021 - Present

RESEARCH INTERESTS

Edge Enhanced Semantic Image Segmentation with Superpixel
Graph Neural Network for Node Classification in Large Graph
Unsupervised Learning with Graph Neural network
Causal Inference with Graph Neural Network

PUBLICATIONS

H.Jung , H.Choi, M.Kang. "Boundary Enhancement Semantic Segmentation for Building Extraction from Remote Sensed Image" <i>IEEE Transactions on Geoscience and Remote Sensing</i>	Aug. 2021 Accepted
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PRESENTATIONS

"Boundary Improvement Module for Binary Semantic Segmentation in Remote Sensing" <i>Presentation, 2021 Spring, KSIAM(Korean Society for Industrial and Applied Mathematics)</i>	Jun. 2021
"Segmentation model for tracking building in satellite imagery" <i>Poster, 2020 Fall, KSIAM(Korean Society for Industrial and Applied Mathematics)</i>	Nov. 2020

SCHOLARSHIPS

Hyundai Motor Chung Mong-Koo Global Scholarship <i>Hyundai Motors Chung Mong-Koo Foundation</i>	Fall 2021 - Present
National S&T(Science & Technology) Scholarship <i>Korea Student Aid Foundation</i>	Fall 2010

TEACHING EXPERIENCE

L0444.000400 : Basic Computing(Python) Teaching Assistant <i>Faculty of Liberal Education, Seoul National University</i>	Spring 2021
Computer Literacy & Programming(Python) Lecturer <i>Language Education Institute, Seoul National University</i>	Mar. 2021 - Present

EXTRA-CURRICULAR ACTIVITIES

Vice President of General Students' Association of Korea Aerospace University	2013
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