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PhD in Computer Science and  
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A bright, target-driven, and  
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## EDUCATION

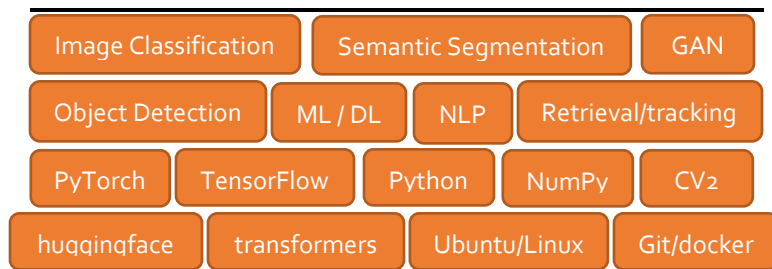
Computer Science and Engineering, PhD

Kyungpook National University

4.3 / 4.3

09/2019 ~ 08/2022

## SKILLS



## PROJECTS

<a href="#">Lesion Segmentation Study for Skin Cancer Diagnosis</a>	08/2019~03/2020
<a href="#">Sentiment Analysis with Deep Learning using BERT</a>	01/2020~03/2022
<a href="#">Object Classification in Autonomous Driving Applications</a>	03/2020~09/2020
<a href="#">Development of Access Control System for People without Masks</a>	08/2020~03/2021
<a href="#">Detection and Visualization of Abnormal Images in Fabric Products using AI</a>	06/2021~06/2024
<a href="#">Artificial Intelligence-based Parking Sign Recognition System for the Disabled</a>	08/2021~03/2022
<a href="#">Illegal Reading Application</a>	09/2022~12/2023
<a href="#">Fire Detection using deep learning techniques</a>	09/2022~
<a href="#">License Plate Generation &amp; Recognition</a>	10/2023~01/2023
<a href="#">Counting Number of People in the Crowd</a>	11/2023 ~ 02/2023
<a href="#">Japanese and Chinese Manga to Webtoon conversion using AI</a>	01/2023~
<a href="#">Automobile parts recognition using AI object detection technology</a>	03/2023~10/2023
<a href="#">Image Retrieval of various domain images using Deep Learning</a>	09/2023~
<a href="#">Automated System for Answering Complaints in the Korean Customs Office</a>	01/2024 ~

## PUBLICATIONS

[Weight initialization based-rectified linear unit activation function to improve the performance of a convolutional neural network model](#)

*Concurrency and Computation: Practice and Experience*, 2020

[DeepCleanNet: Training Deep Convolutional Neural Network with Extremely Noisy Labels](#)

*IEEE Access*, 2020

[FU-Net: Fast Biomedical Image Segmentation Model based on Bottleneck Convolution Layers](#)

*Multimedia Systems*, 2020

[REF-Net: Robust, Efficient and Fast Network for Semantic Segmentation Applications using Devices with Limited Computational Resources](#)

*IEEE Access*, 2021

[AEDCN-Net: Accurate and Efficient Deep Convolutional Neural Network Model for Medical Image Segmentation](#)

*IEEE Access*, 2021

[UzADL: Anomaly Detection and Localization using Graph Laplacian Matrix-Based unsupervised Learning Method](#)

*Computers & Industrial Engineering*, 2022

[CMSFL-Net: Consecutive Multi-scale Feature Learning-based Image Classification Model](#)

*Scientific Reports*, 2023

[Extensive Knowledge Distillation Model: An End-to-End Effective Anomaly Detection Model for Real-Time Industrial Applications](#)

*IEEE Access*, 2023

## LANGUAGE CERTIFICATES

<a href="#">TOPIK</a>	<a href="#">Level 6 / 6</a>
(Test of Proficiency in Korean)	(Full Professional Proficiency)
<a href="#">TOEIC</a>	<a href="#">985 / 990</a>
(Test of English for International Communication)	(Full Professional Proficiency)
<a href="#">KIIP</a>	<a href="#">Level 5 / 5</a>
(Korean Immigration and Integration Program)	(Full Professional Proficiency)
Russian and Uzbek	Native or bilingual proficiency