

Bekhzod Olimov (올리모브 벡조드)

PhD in Computer Science and Engineering

A bright, target-driven, and articulate Machine Learning and Deep Learning enthusiast.

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LinkedIn Profile

Github Profile

Kaggle Profile

Google Scholar Profile



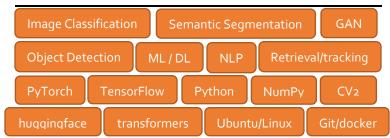
EDUCATION

Computer Science and Engineering, PhD

Kyungpook National University 09/2019 ~ 08.2022

4.3 / 4.3

SKILLS



PROJECTS

Lesion Segmentation Study for Skin Cancer Diagnosis	08/2019~03/2020
Sentiment Analysis with Deep Learning using BERT	01/2020~03/2022
Object Classification in Autonomous Driving Applications	03/2020~09/2020
Development of Access Control System for People without Masks	08/2020~03/2021
Detection and Visualization of Abnormal Images in Fabric Products using AI	06/2021~06/2024
Artificial Intelligence-based Parking Sign Recognition System for the Disabled	08/2021~03/2022
Illegal Reading Application	09/2022~
Background Removal using Semantic Segmentation	09/2022~
License Plate Generation & Recognition	10/2023~01/2023
Counting Number of People in the Crowd	11/2023 ~ 02/2023
Webtoon Character Generation based on the text prompt using AI	01/2023~
Automobile parts recognition using AI object detection technology	03/2023~10/2023
Neural Tube Semantic Segmentation using AI	09/2023~
Automated System for Answering Complaints in the Korean Customs Office	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

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

TOPIK

(Test of Proficiency in Korean)

TOEIC

(Test of English for International Communication)

KIIP

(Korean Immigration and Integration Program)

Russian and Uzbek

Level 6 / 6

(Full Professional Proficiency)

985 / 990

(Full Professional Proficiency)

Level 5 / 5

(Full Professional Proficiency)

Native or bilingual proficiency