Nuh Muhammed Pişkin

Employment history

Computer Vision Engineer at SYNTONYM
Dec.2019 – Present

- Hands-on experience with object detection, tracking, recognition, trajectory estimation, and generative models
- Experienced in developing and optimizing multi-model AI algorithms (Python/C++)
- Experience designing scalable software, debugging, and performance tuning applications
- Model conversion and implementation in different frameworks(ONNX, Tensorrt, NCNN)
- Implementation of multi-model AI algorithms to CPU/GPU devices
- Implementation of AI algorithms to cross platforms (ios, android, desktop)
- High proficiency in Python
- Moderate C++

Education

Ege University, Izmir, Turkey
Master of Science, Civil Engineering Department of Structure (Master's Degree), 2022

Thesis Topic: Modeling Of Damage Detection With Machine Learning

Ege University, Izmir, Turkey
Bachelor of Science, Civil Engineering, Jun, 2018

Publications

- Earthquake Estimation with LSTM Network Model (local workshop 2019)
- Stream Estimation by Long-Short Term Memory Networks (local workshop 2019)
- Displacement Measurement on the buildings model with computer vision (local workshop 2019)
- Clustering acoustic emission activities in concrete using unsupervised pattern recognition methods(local workshop 2019)

Hobbies

- Electronic (Arduino, Raspberry Pi, Jetson)
- CMAS one star scuba diver
- Paragliding Pilot
- Learning new things

Personal İnfo

Phone:
+90 5397998727

Location:
Turkey/İzmir

Email:
nmpiskin@gmail.com

Github:
nuhpiskin

Linkedin:
https://www.linkedin.com/in/nuhpiskin/

Languages

English

Skills

Programing

Python, C++, Flutter

Framework and Packages

Opencv, PyTorch, NCNN, ONNX, Tensorrt, Tensorflow

Linux, Docker, Git, AWS

Interested Topics

- Deep Learning Machine Learning, Image Processing
- Object Detection/Recognition, Generative Models, Object Tracking, Trajectory Estimation, Body Pose Estimation.
- Graph Neural Networks
- AI Deployment CPU/GPU
- Cross Platform AI Deployment IOS, Android and Desktop
- Research and Development (R&D)

Certifications

- Intermediate Intel® Distribution of OpenVINO™ toolkit for Deep Learning Applications Coursera
- Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning Coursera
- Object Detection with Amazon Sagemaker Coursera
- Build local development environments using Docker containers Coursera
- Deep Learning Specialization Coursera
- Sequence Models Coursera
- Convolutional Neural Networks Coursera
- Structuring Machine Learning Projects Coursera
- Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization Coursera