

# YURIY KOCHURA

@ iuriy.kochura@gmail.com

ID 0000-0002-4217-8152

ykochura

Yuriy Kochura

Kyiv, UA

yuriy-kochura



## EXPERIENCE

Senior Lecturer

Igor Sikorsky Kyiv Polytechnic Institute

Faculty of Informatics and Computer Science

Sept 2019 – Ongoing

Kyiv, UA

Teaching the following courses:

- Machine Learning
- Neural Networks
- Accelerated Computing with CUDA C/C++

Data Annotation Specialist

Samsung Electronics Ukraine Company

May 2016 – Dec 2017

Kyiv, UA

- Worked on preparing image annotations essential for training deep neural networks.
- Interacted with computer vision engineers to help them improve the labelling tool.
- Managed a team of 10+ people.

## SKILLS



- 5+ years in machine learning (computer vision domain).
- Practical experience in the following problems: classification, detection, segmentation.
- Python3, numpy, scikit-learn, pandas.
- Deep learning frameworks: PyTorch, TensorFlow, Keras.
- Experience in deploying machine learning models to production.
- Good understanding of machine learning and deep learning concepts.
- Experience in applying AI for medical prognosis, diagnosis and treatment.

## PUBLICATIONS



Google Scholar



Scopus

## LIFE PHILOSOPHY

*"Once we accept our limits, we go beyond them." © Albert Einstein*

## STRENGTHS

Result-oriented

Good eye for details

Math

ML & DL

Accelerated Computing

## LANGUAGES

Ukrainian  
English



## EDUCATION

PhD Student in Computer Science

Igor Sikorsky Kyiv Polytechnic Institute

Faculty of Informatics and Computer Science

Oct 2017 – Sep 2021

- Advisor: Prof. Yuri G. Gordienko
- Thesis: "Deep machine learning method for object identification, classification and semantic segmentation"

Master Degree in Applied Physics

Igor Sikorsky Kyiv Polytechnic Institute

Institute of Physics and Technology

Sept 2015 – June 2017

- Advisor: Prof. Artem A. Khalatov
- Thesis: "Thermohydrodynamics of reverse Brayton cycle with waste heat regeneration according to M-cycle"

Bachelor Degree in Applied Physics

Igor Sikorsky Kyiv Polytechnic Institute

Institute of Physics and Technology

Sept 2011 – June 2015