

YURIY KOCHURA

PhD student & Assistant

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Yuriy Kochura

Kyiv, UA

yuriy-kochura

ykochura



EXPERIENCE

Assistant

Igor Sikorsky Kyiv Polytechnic Institute

Faculty of Informatics and Computer Science

Sept 2019 – Ongoing

Kyiv, UA

Teaching assistant of the following courses:

- Machine Learning
- Deep Learning
- Accelerated Computing with CUDA C/C++
- Genetic Algorithms

Data Annotation Specialist

Samsung Electronics Ukraine Company

May 2016 – Dec 2017

Kyiv, UA

- Preparing annotations for images that are critical to training deep NNs.
- Interacted with computer vision engineers to help them improve the labelling tool.
- Managed a team of 10+ people.

SKILLS



- 3+ years in machine learning (computer vision domain).
- Practical experience in the following problems: classification, detection, segmentation.
- Python3, numpy, scikit-learn, pandas.
- Deep learning frameworks: 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."

STRENGTHS

Result-oriented

Good eye for details

Math

ML & DL

Accelerated Computing

LANGUAGES

Ukrainian

Russian

English



EDUCATION

PhD Student in Computer Science

Igor Sikorsky Kyiv Polytechnic Institute

Faculty of Informatics and Computer Science

Oct 2017 – Ongoing

- 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