

CERTIFICATE

This certificate is awarded to

NAME Valerii Kozlov

FROM National University "Zaporizhzhia Polytechnic"

for the successful participation in the

Online Winter School 2020

held from the 7th to the 11th of December 2020 at Dortmund University of Applied Sciences and Arts. The event is held in framework of the DAAD project "Virtual Master Cooperation Data Science" (ViMaCs).

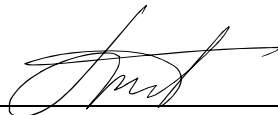
The participation is equivalent to a workload of 30 hours / 1 ECTS.

Topics covered:

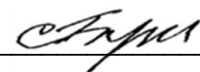
- Around Hadoop
- Python for Data Analytics
- Methods for Decision Making
- Concept of Data Acquisition and Processing
- Big Data Acquisition: SCADA Systems Approach
- Virtual Instruments for Simple SCADA System Design in IoT Environment
- Virtual Instruments for IoT
- Computational Intelligence for Technical and Medical Diagnosis
- Data Hashing Transformations for Dimensionality Reduction in Diagnostic and Recognition Problems
- Identifying and Analysing Alternatives, Choosing the Best Option" & "Requirements Life Cycle Management
- Solution Evaluation
- Data Visualization
- Introduction to Apache Spark
- Working with Open Data



Prof. Dr. Stephan Recker, Fachhochschule Dortmund



Prof. Galyna Tabunshchyk, National University "Zaporizhzhia Polytechnic"



Prof. Sergiy Bushuyev, Kyiv National University of Construction and Architecture



Prof. Anatoliy Sachenko, Ternopil National Economic University

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