

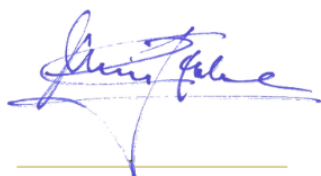
CERTIFICATE

Dmytro Holub

has participated in the
Wildau-Kharkiv IT Bridge
in the DAAD programme
"Digital Ukraine: Ensuring academic success in times of crisis (2022)"
in winter semester 2022
and achieved the following grade:
(details on the rear side)

Programming languages for data analysis
(Bachelor)

100 %



Prof. Dr. Marcus Frohme



Prof. Dr. Igor Grebennik



Prof. Dr. Alina Nechyporenko

SPONSORED BY THE



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



Federal Ministry
of Education
and Research

About the Wildau-Kharkiv-IT-Bridge (WKITB)

Wildau-Kharkiv-IT-Bridge (WKITB) is a project in the DAAD programme "Ukraine digital: Ensuring academic success in times of crisis (2022)". WKITB aims to support Ukrainian lecturers and students by providing a digital teaching and learning platform. It brings together 60 lecturers from eight universities in Kharkiv in the field of IT with thousands of students from all over Ukraine.

Programming languages for data analysis

Credit Points: 4 ECTS

Study program(s): 122 Computer science

During training, students will get acquainted with the main built-in tools for working with data in such programming language as Python. They will get practical skills in using the most common libraries and tools for data analysis.

lecturer Olha Chorna
Kharkiv National University of Radio Electronics

The lecturer is responsible for grading and module content.

This certificate is valid without signature the lecturer.