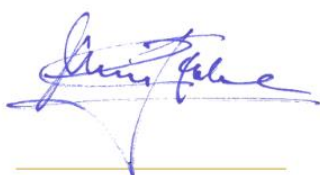


CERTIFICATE

Oleksandr Pumnia

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)

Theory of Translators Construction (Master) 100 %



Prof. Dr. Marcus Frohme



Prof. Dr. Igor Grebennik



Prof. Dr. Alina Nechyporenko

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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.

Theory of Translators Construction

Credit Points: 5 ECTS

Study program(s): 123 Computer Engineering

This course introduces students to the theory and practice of classical and modern methods of constructing translators and forms students' practical knowledge and skills necessary for designing system programs. The course includes topics: lexical analyzer, parser, semantic analyzer, intermediate code generation, code optimizer, target code generation.

professor Svitlana Gavrylenko
National Technical University "Kharkiv Polytechnic Institute",
Kharkiv, Ukraine

The lecturer is responsible for grading and module content.

This certificate is valid without signature the lecturer.