30 hours / 1 ECTS Credit

Count of points: 61/61

**Distributed Lab**

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Issued on: 27.12.2022

# CERTIFICATE

## THIS CERTIFIES THAT

# ILLIA POPOV

### HAS SUCCESSFULLY COMPLETED GOLANG PROGRAMMING COURSE ON FUNDAMENTAL ASPECTS

*Basic level*

### TOPICS

Creating and compiling programs in Go · Overview of the IDE * for working in Go · Program structure · Variables · Data types
Constants · Arithmetic expressions · Conditional constructions · Loops · Arrays · Functions · Anonymous functions
Recursive functions · Operator defer, panic · Pointers · Pointers as function parameters · Structures · Nested structures
Methods · Pointer methods · Packages · Modules · Interfaces · Polymorphism · Parallel programming · Goroutines
Transmission of data streams · Reading and writing files · Standard I/O streams · Formatted input and output

**Olena Voloshchuk, PhD**
Education Program Coordinator at
Distributed Lab

**Prochukhan Dmytro**
Course instructor