CERTIFICATE

This is to certify that

Alaa Shaker, Alaa Aldarf and Igor Bessmertny

has/have participated with the paper entitled

Using LSTM and GRU With a New Dataset for Named Entity Recognition in the Arabic Language

At the Anniversary XIII Majorov International Conference on Software Engineering and Computer Systems

on December 1st – 3rd, 2021
at ITMO University
in Saint-Petersburg, Russia.

The paper based on the results of the presentation was accepted for publication in the conference proceedings.

General Chair

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