



# CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

**Hitalo Cesar Alves**

has successfully attended the

**UNIGOU REMOTE ACADEMIC INTERNSHIP PROGRAM**

and has actively participated in the research project entitled

“Study of Advanced Optimization Methods for Solving Traveling Salesman Problem

and Development of a Software for Research and Educational Purposes in the Related Area”

developed in cooperation with the Brno University of Technology, Czech Republic, in the period from December 2022 to November 2023.

**Eng. Rebeca Moraes Barbosa**  
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