



UNIVERSITÀ
DI TRENTO

20232923111/2023

Student ID number: 224255

We hereby certify that Mr **SONG YUE** born in EZHOU - CHINA - on 27th September 1996, attended regularly all the formative activities of the Doctoral school in *Information and Communication Technology*, 36th cycle, with administrative seat at the University of Trento (Italy).

The Doctoral Programme in *Information and Communication Technology* lasts three years (the 36th cycle from 01/11/2020 to 31/10/2023).

On **23rd April 2024** Mr **SONG YUE** successfully completed the final requirement of the Programme, by defending his dissertation and was granted the title of *Ph.D in Information and Communication Technology* cum laude.

We also certify that the title of the degree thesis is:

NUMERICAL METHODS IN DEEP LEARNING AND COMPUTER VISION.

The present certificate is issued on unstamped paper for the use foreseen by law. For different use a revenue stamp is to be applied.

TRENTO, 06/05/2024

o.b.o. Head of Division
Dott.ssa Paola Fusi
PhD Office
Science and Technology Area



UNIVERSITÀ DEGLI STUDI
DI TRENTO

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