



UNIVERSIDAD  
TÉCNICA DE AMBATO



FACULTAD DE INGENIERÍA EN  
SISTEMAS, ELECTRÓNICA E INDUSTRIAL



# CSEI<sub>22</sub> | IV


CONFERENCE ON COMPUTER  
SCIENCE, ELECTRONICS AND  
INDUSTRIAL ENGINEERING

THIS CERTIFICATE IS PROUDLY AWARDED

TO: MIGUEL GUTIÉRREZ GAITÁN

for your participation as scientific member of the "IV Conference on Computer Science, Electronics and Industrial Engineering (CSEI2022)" which held virtually in Ambato, Ecuador, from November 7th to November 11th, 2022 and for your participation as reviewer of the papers submitted for the publication of a special for the publication in the Springer book series called Lecture Notes in Networks and Systems (LNNS) indexed in Scopus as part of the publication of the proceedings of this event.

  
Ing. Carlos Núñez Mg.  
Chair of the Conference

  
MSc. Elsa Pilar Urrutia Urrutia  
President of Organizing Committee

