



CSE 2 I III CONFERENCE ON COMPUTER SCIENCE, ELECTRONICS AND INDUSTRIAL ENGINEERING

THIS CERTIFICATE IS PROUDLY AWARDED

TO: ALEX JAIR VILLEGAS ALVARADO

for your participation in the "III Conference on Computer Science, Electronics and Industrial Engineering (CSEI2021)" which took place virtually Ambato, Ecuador, from October 25th to October 29th, 2021.

Ing. Carlos Núñez Mg.

Chair of the Conference

MSc. Elsa Pilar Urrutia Urrutia

President of Organizing Committee





Scopus^{*}



