



UNIVERSIDAD  
TÉCNICA DE AMBATO



FACULTAD DE INGENIERÍA EN  
SISTEMAS, ELECTRÓNICA E INDUSTRIAL

# CSEI<sup>2</sup><sub>1</sub> | III

CONFERENCE ON COMPUTER  
SCIENCE, ELECTRONICS AND  
INDUSTRIAL ENGINEERING

## THIS CERTIFICATE IS PROUDLY AWARDED

**To: ALEX JAIR VILLEGAS ALVARADO**

**Paper title: 1**

for your contribution as author(s) of the aforementioned paper published as part of the proceedings of the "III Conference on Computer Science, Electronics and Industrial Engineering (CSEI2021)" which took place virtually in Ambato, Ecuador, from October 25th to October 29th, 2021.

  
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