



Central Michigan University  
Michigan, USA

# ICMI-2024

3rd International Conference on Computing  
and Machine Intelligence  
April 13-14, 2024

## PARTICIPATION CERTIFICATE

*This is to certify that*

**Rasha Karakchi**

has participated in ICMI-2024 conference and presented  
a paper titled:

**A Hierarchical BRAM/URAM Buffer for SNN**

A handwritten signature in blue ink, appearing to read "A.A.", positioned above the name of the General Chair.

**Dr. Ahmed Abdelgawad**

**General Chair**



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