



**IEEE 4th International Conference on Computing and Machine
Intelligence**
April 05-06, 2025
Central Michigan University

CERTIFICATE

of Participation

This certificate is presented to
Fred Lacy

**For participating and presenting the
paper titled:**

**Optimized FPGA-Accelerated YOLOv8-Based
Driver Drowsiness Detection System for Real-Time
Embedded Automotive Applications**

A handwritten signature in blue ink, appearing to read "Ah".

General Chair
Ahmed Abdelgawad, PhD