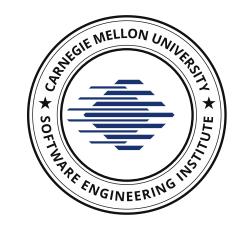
Carnegie Mellon University Software Engineering Institute



PROFESSIONAL CERTIFICATE

This is to acknowledge that

Vincenzo Calabro'

has completed all of the requirements established by the Software Engineering Institute and is hereby awarded the

CERT Applied Data Science for Cybersecurity Certificate

Paul D. Nielsen Director and CEO Software Engineering Institute

Principal Researcher CERT Division, Software Engineering Institute