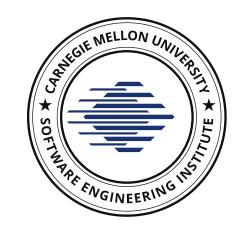
Carnegie Mellon UniversitySoftware Engineering Institute



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 Cybersecurity Engineering and Software Assurance Professional Certificate

Paul D. Nielsen

Director and CEO Software Engineering Institute Carol C. Woody

Principal Researcher
CERT Division, Software Engineering Institute