



11/22/2016

Mostafa Ahmed Abd EL-Salam

has successfully completed

Graph Analytics for Big Data

an online non-credit course authorized by University of California, San Diego and
offered through Coursera

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

Amarnath Gupta
Research Scientist
San Diego Supercomputer Center

COURSE
CERTIFICATE



Verify at coursera.org/verify/D3NR4QJ9HEP3
Coursera has confirmed the identity of this individual and
their participation in the course.