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NURZHAN SAGADENOV

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 handwritten signature in blue ink, appearing to read "Gupta", written over a dotted line.

Amarnath Gupta  
Research Scientist  
San Diego Supercomputer Center

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/UD6QCALACXKS](https://coursera.org/verify/UD6QCALACXKS)

Coursera has confirmed the identity of this individual and their participation in the course.