UC San Diego

COURSE CERTIFICATE

03/17/2018

Taha Hussein Mamdouh

has successfully completed

Big Data - Capstone Project

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



llkayAdel

Ilkay Altintas Chief Data Science Officer San Diego Supercomputer Center Amarnath Gupta Research Scientist

San Diego Supercomputer Center

 $Verify\ at\ coursera.org/verify/P_5X_389MG_39TV$

Coursera has confirmed the identity of this individual and $\mbox{their participation in the course}. \label{eq:course}$