



Massachusetts Institute of Technology



This is to certify that

Hang Gao

has successfully completed

**Machine Learning, Modeling, and
Simulation Principles**

Aug. 7, 2020 - Oct. 10, 2020

TOUCH

Touch Education Technology

"AI+X" Blended Learning program in
collaboration with Massachusetts Institute of
Technology

A handwritten signature in black ink, appearing to read "Sanjay Sarma".

Sanjay Sarma

Vice President for Open Learning
Professor of Mechanical Engineering
Massachusetts Institute of Technology

A handwritten signature in black ink, appearing to read "Youssef M. Marzouk".

Youssef M. Marzouk

Professor of Aeronautics & Astronautics
Faculty Co-Director, MIT Center for
Computational Science and Engineering
Massachusetts Institute of Technology

Valid Certificate ID: d5146ff9-960c-48f4-b4c0-b23c50da130b