ID VERIFIED

CERTIFICATE of ACHIEVEMENT

edX MITx



Lorna J. Gibson
Matoula S. Salapatas Professor of
Materials Science and Engineering
Massachusetts Institute of Technology

This is to certify that

Marwan Tarek Shalaby



Sanjay Sarma
Director of Digital Learning
Massachusetts Institute of Technology

successfully completed and received a passing grade in

3.032x: Mechanical Behavior of Materials

a course of study offered by MITx, an online learning
initiative of The Massachusetts Institute of Technology through edX.

VERIFIED CERTIFICATE
Issued December 19th, 2014

Verify the authenticity of this certificate at
https://verify.edx.org/cert/7535fcc3361d49a18b3c6a7ea960f250