

VERIFIED  
CERTIFICATE *of* ACHIEVEMENT



This is to certify that

**Joseph William Dinius**

successfully completed and received a passing grade in

**6.832x: Underactuated Robotics**

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

A handwritten signature in black ink that reads "Russell Tedrake".

Russ Tedrake

Associate Professor, Department of Electrical Engineering  
and Computer Science, Department of Aeronautics and  
Astronautics

*Massachusetts Institute of Technology*

A handwritten signature in black ink that reads "Sanjay Sarma".

Sanjay Sarma

Dean of Digital Learning

*Massachusetts Institute of Technology*



VERIFIED CERTIFICATE  
Issued December 19, 2015

VALID CERTIFICATE ID  
a9772fe47e114afe9a2b3c0bc809ee56