



Aug 29, 2018

ahmed abou khalefa

has successfully completed

Introduction to Programming with MATLAB

an online course authorized by Vanderbilt University and offered through Coursera

COURSE
CERTIFICATE



A handwritten signature in black ink, appearing to read 'Akos Ledeczki'.

Akos Ledeczki, Ph.D.
Professor
Computer Engineering, Computer Science, and
Electrical Engineering

A handwritten signature in black ink, appearing to read 'J. Michael Fitzpatrick'.

J. Michael Fitzpatrick, PhD
Professor Emeritus
Computer Science, Computer Engineering, Electrical
Engineering, Neurosurgery, and Radiology

Verify at:
<https://coursera.org/verify/3UHLD3UKT98S>

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

This certificate attests to the learner's completion of an online course / project delivered via Coursera. It does not constitute formal enrollment at any university or entity and does not itself grant academic credit, grades, or a degree. Institutions or organizations may, at their discretion, recognize this learning toward their own programs or credentials.