



Mar 5, 2020

UMAR TABBSUM

has successfully completed

Motion Planning for Self-Driving Cars

an online non-credit course authorized by University of Toronto and offered through Coursera

A handwritten signature in black ink, reading "Shantanu Vasanth".

Associate Professor, Aerospace Studies
Director, Toronto Robotics and Artificial
Intelligence Laboratory

A handwritten signature in black ink, reading "Jarathas Kelly".

Associate Professor, Aerospace Studies
Director, Space & Terrestrial Autonomous Robotic Systems Laboratory

COURSE CERTIFICATE



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