ID VERIFIED

CERTIFICATE of ACHIEVEMENT

edX Berkeley



Ameet Talwalkar
Assistant Professor of Computer Science
University of California, Los Angeles

Visiting Assistant Professor
Department of Electrical Engineering
and Computer Science
University of California, Berkeley

Technical Advisor
Databricks

This is to certify that

Ioannis Charitopoulos

successfully completed and received a passing grade in

CS190.1x: Scalable Machine Learning

a course of study offered by BerkeleyX, an online learning initiative of The University of California, Berkeley through edX.

VERIFIED CERTIFICATE
Issued August 06, 2015

Verify the authenticity of this certificate at
https://verify.edx.org/cert/639333931964405c87bdfd25a6652995