



CERTIFICATE *of* ACHIEVEMENT



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This is to certify that

Karim Abulmakarem Khalil

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
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