



# CERTIFICATE *of* ACHIEVEMENT



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This is to certify that

**José Antonio Aravena Rojas**

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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