

# VERIFIED

CERTIFICATE *of* ACHIEVEMENT

# Berkeley

This is to certify that

**Yi Fan**

successfully completed and received a passing grade in

## CS110x: Big Data Analysis with Apache Spark

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



Anthony D. Joseph

Professor in Electrical Engineering and Computer Science

*University of California, Berkeley*



Diana Wu

Executive Director,

Berkeley Resource Center for Online Education

*University of California, Berkeley*



VERIFIED CERTIFICATE  
Issued September 16, 2016

VALID CERTIFICATE ID  
[0a2e29fe59f44a478e2db5661fd52cd2](#)