Verified
Certificate

Berkeley

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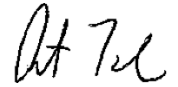*University of California, Berkeley*

This is to certify that

James McMurray

successfully completed and received a passing
grade in

CS120x: Distributed Machine Learning with Apache Spark

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

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