edX | BerkeleyX

CERTIFICATE

Issued April 11th, 2013

This is to certify that

James Howlum

successfully completed

CS169.2x: Advanced Software as a Service

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



Armando Fox
Academic Director for Online Education
Adjunct Associate Professor
UC BERKELEY



Diana Wu
Executive Director for Online Education
UC BERKELEY



David Patterson
Pardee Professor of Computer Science
UC BERKELEY

HONOR CODE CERTIFICATE

*Authenticity of this certificate can be verified at https://verify.edx.org/cert/cbcf11294d77428cbeb901552aeb8b15