



CERTIFICATE
Issued Nov. 8th, 2012

This is to certify that

Sergey Efremov

successfully completed

CS169.1x: Software as a Service

a course of study offered by **BerkeleyX**, an online learning
initiative of THE UNIVERSITY OF CALIFORNIA AT BERKELEY, through **edX**.

Handwritten signature of Armando Fox in black ink.

Armando Fox
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Handwritten signature of Diana Wu in black ink.

Diana Wu
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Handwritten signature of D. A. Patterson in black ink.

David Patterson
Pardee Professor of Computer Science,
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HONOR CODE CERTIFICATE

*Authenticity of this certificate can be verified at <https://verify.edx.org/cert/b4cc09d594034fefb007ffa2287dc185>