



CERTIFICATE
Issued Dec. 19th, 2012

This is to certify that

Pavel Kulikov

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**.

Handwritten signature of Armando Fox in black ink.

Armando Fox
Academic Director for Online Education
Adjunct Associate Professor
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Handwritten signature of Diana Wu in black ink.

Diana Wu
Executive Director for Online Education
UC BERKELEY

Handwritten signature of David 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/46cc3a2c1c1f4ab3864c720e943ab81c>