



CERTIFICATE  
*Issued Dec. 19th, 2012*

This is to certify that

**Kirill Kalachev**

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  
UC BERKELEY

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  
UC BERKELEY

HONOR CODE CERTIFICATE

\*Authenticity of this certificate can be verified at <https://verify.edx.org/cert/a12c205b31e14b1986fccabcd6e528ac>