



CERTIFICATE OF RECOGNITION



Zhousenye Liu

Oracle Certified Professional, Java SE 8 Programmer

THIS CERTIFIES THAT ABOVE NAMED IS
RECOGNIZED BY ORACLE CORPORATION AS AN
ORACLE CERTIFIED PROFESSIONAL

February 23, 2017

DATE

A handwritten signature in black ink, reading "D. Carey".

DAMIEN CAREY
SENIOR VICE PRESIDENT, ORACLE UNIVERSITY



CERTIFICATE OF RECOGNITION



Zhousenye Liu

Oracle Certified Associate, Java SE 8 Programmer

THIS CERTIFIES THAT ABOVE NAMED IS
RECOGNIZED BY ORACLE CORPORATION AS AN
ORACLE CERTIFIED ASSOCIATE.

September 12, 2016

DATE

A handwritten signature in black ink, appearing to read "D. Carey", positioned above a horizontal line.

DAMIEN CAREY

SENIOR VICE PRESIDENT, ORACLE UNIVERSITY