Sun Certification





Akram Al-Rawi

HAS FULFILLED ALL REQUIREMENTS AS A

SUN CERTIFIED PROGRAMMER

FOR THE JAVA™ 2 PLATFORM 1.2

On January 9, 2003

Scott McNealy, President, Chairman, and CEO of Sun Microsystems, Inc.

Renfidle

Terry Erdle, Vice President, Sun Educational Services

Expiration date: January 9, 2005

