



SUN CERTIFICATION

David Venditti

HAS FULFILLED ALL REQUIREMENTS AS A

SUN CERTIFIED PROGRAMMER

FOR THE JAVA™ 2 PLATFORM 1.2

On November 12, 2002

A handwritten signature in black ink, appearing to be "SMcNealy".

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

A handwritten signature in black ink, appearing to be "T.Erdle".

Terry Erdle, Vice President, Sun Educational Services



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