Sun™ Certification

Sun microsystems®

The Network is the Computer™

Java™

Thomas Schniewind

HAS FULFILLED ALL REQUIREMENTS AS A

SUN CERTIFIED PROGRAMMER

FOR THE JAVA™ 2 PLATFORM 1.4

On March 23, 2005

_____

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

_____

Kevin Coyne, Vice President, Sun Educational Services