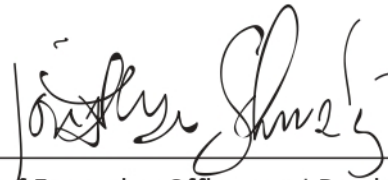


Christopher Coco

Sun Certified Programmer for the Java 2 Platform

August 11, 2000

A handwritten signature in black ink, appearing to read "Jonathan I. Schwartz".

Jonathan I. Schwartz, Chief Executive Officer and President, Sun Microsystems, Inc.

A handwritten signature in black ink, appearing to read "Karie Willyerd".

Karie Willyerd, Vice President and Chief Learning Officer, Sun Learning Services