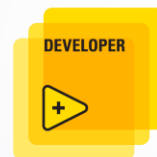


Serial Number: 100-417-10084
Issue Date: November 30, 2017
Expiration Date: November 29, 2022

NI CUSTOMER EDUCATION
Certification

Sam Sharp

Has successfully completed all requirements and is now granted the title of:



**Certified LabVIEW
Embedded Systems
Developer**
National Instruments

A handwritten signature in black ink, appearing to read "Alex Davern", written over a horizontal line.

Alex Davern
President and CEO
National Instruments