



Cloudera hereby recognizes that

Ngoc Minh Tran

has successfully completed

all program requirements and is certified as a

Cloudera Certified Developer for Apache Hadoop (CCDH)

CDH Version: 4

License: 100-011-005

Date: October 09, 2014

A handwritten signature in black ink, reading "Sarah Sproehnle", is located in the bottom left corner of the certificate.

Sarah Sproehnle
Vice President, Educational Services

A handwritten signature in black ink, reading "Tom Reilly", is located in the bottom right corner of the certificate.

Tom Reilly
Chief Executive Officer