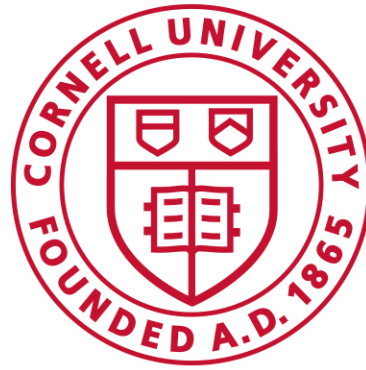


Cornell University



This is to acknowledge that

Leonid Shpaner

has completed the certificate program entitled

Blockchain for Business

This First Day of May, 2019
through



A handwritten signature in black ink, reading "Daniel Haysbarger".

Jack and Rilla Neafsey Dean and Vice Provost
Cornell Tech
Cornell University