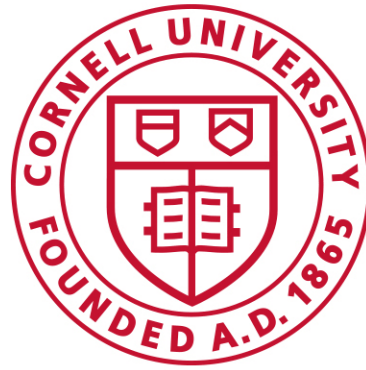


Cornell University



This is to acknowledge that

Leonid Shpaner

has completed the certificate program entitled

Software Development in Python

This Twenty-Second Day of March, 2020

through



A handwritten signature in black ink, reading "Jim Kleinberg", written over a horizontal line.

Dean
Computing and Information Science
Cornell University