



Feb 15, 2021

**Carlos Roberto Barreto Junior**

has successfully completed

**Introduction to Graph Theory**

an online non-credit course authorized by University of California San Diego and HSE University and offered through Coursera

A handwritten signature in black ink, appearing to read "Alex", is positioned above a dotted line.

Alexander S. Kulikov  
Visiting Professor  
Department of Computer Science and Engineering

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/77VNP8CT85ZZ](https://coursera.org/verify/77VNP8CT85ZZ)

Coursera has confirmed the identity of this individual and their participation in the course.