



09/03/2016

Dmitri Mamrukov

has successfully completed

Algorithms on Graphs

an online non-credit course authorized by University of California, San Diego and
Higher School of Economics and offered through Coursera

Two handwritten signatures in black ink. The first signature is "Alexander S. Kulikov" and the second is "Daniel M. Kane".

Alexander S. Kulikov, Visiting Professor; Michael Levin, Associate Professor; Neil Rhodes, Adjunct Faculty; Daniel M Kane, Assistant Professor, Computer Science and Engineering at the University of California, San Diego

**COURSE
CERTIFICATE**



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