



07/20/2020

Ryan Phua

has successfully completed

Mathematics for Machine Learning: PCA

an online non-credit course authorized by Imperial College London and offered through Coursera

A handwritten signature in blue ink that reads "Marc Deisenroth".

Marc Deisenroth
Lecturer in Statistical Machine Learning
Department of Computing
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COURSE CERTIFICATE



Verify at coursera.org/verify/ZZSV39FJV6RH

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