

**Imperial College
London**

01/25/2019

Mohamed Hassan Shanan

has successfully completed

**Mathematics for Machine Learning: Multivariate
Calculus**

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



David Dye and Samuel J. Cooper

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/T93XXBGU848U

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their participation in the course.