



This document certifies that

Desmond Kimutai

Successfully passed the IBM Academic Certificate exam and earned the title

Mobile Application Developer Mastery Award

A handwritten signature in black ink, appearing to read 'Takreem'.

Takreem El-Tohamy
General Manager
IBM Middle East and Africa

17 November 2016

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A handwritten signature in black ink, appearing to read 'N. Attia'.

Dr Naguib Attia
Chief Technology Officer
IBM Middle East and Africa