

COURSE CERTIFICATE

08/05/2019

## Romany Kamal shafiq

has successfully completed

Java Programming: Arrays, Lists, and Structured Data

an online non-credit course authorized by Duke University and offered through Coursera



and NA

RHCDA

On often

Swa. W. Rodge

Andrew D. Hilton, Robert Duvall, Owen Astrachan, Susan H. Rodger

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