



MAY 29, 2016

Jing Ma

has successfully completed

Java Programming: A DIY Version of Netflix and  
Amazon Recommendation Engines

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

Three handwritten signatures in black ink, representing Robert Duvall, Owen Astrachan, and Susan H. Rodger.

Robert Duvall, Lecturer; Owen Astrachan, Professor of the Practice; Susan H. Rodger, Professor of the Practice  
Duke Computer Science and Duke Electrical and Computer Engineering

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/MPRRZ3AML8BL](https://coursera.org/verify/MPRRZ3AML8BL)

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