



10/21/2017

Ziyuan Pan

has successfully completed

Applied Text Mining in Python

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

A handwritten signature in black ink, reading 'V. G. Vinod Vydiswaran'.

V. G. Vinod Vydiswaran  
Assistant Professor  
School of Information

COURSE  
CERTIFICATE



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