



05/10/2019

Maala Mhrez

has successfully completed

Text Retrieval and Search Engines

an online non-credit course authorized by University of Illinois at Urbana-Champaign
and offered through Coursera

A handwritten signature in black ink, appearing to read 'ChengXiang Zhai', written over a horizontal dotted line.

ChengXiang Zhai
Professor and Willett Faculty Scholar
Department of Computer Science

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/LMLP3KGC7NJF

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