



Aug 11, 2021

嘉硕 孙

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'.

ChengXiang Zhai
Professor and Willett Faculty Scholar
Department of Computer Science

COURSE CERTIFICATE



Verify at coursera.org/verify/KBAZSBSWAM74

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