



Dec 30, 2021

Mahdi Darvish

has successfully completed

Pattern Discovery in Data Mining

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

A handwritten signature in blue ink that reads 'Jiawei Han'.

Jiawei Han
Abel Bliss Professor
Department of Computer Science

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/FC77R2TV8VDM

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