



05/29/2020

Анастасія Берещенко

has successfully completed

Data Manipulation at Scale: Systems and Algorithms

a MOOC from the University of Washington and offered through Coursera

A handwritten signature in black ink, likely belonging to Bill Howe.

Bill Howe, Ph.D
Associate Director
eScience Institute
Affiliate Assistant Professor
Computer Science & Engineering
University of Washington

COURSE
CERTIFICATE



Verify at coursera.org/verify/BPWFVAZP6LQ6

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