

January 21st, 2015

James McMurray

has successfully completed a free online offering of

Indexes and Transactions

with **Statement of Accomplishment.**



Jennifer Widom, PhD
Professor in Computer Science
Stanford University

PLEASE NOTE: SOME ONLINE COURSES MAY DRAW ON MATERIAL FROM COURSES TAUGHT ON-CAMPUS BUT THEY ARE NOT EQUIVALENT TO ON-CAMPUS COURSES. THIS STATEMENT DOES NOT AFFIRM THAT THIS PARTICIPANT WAS ENROLLED AS A STUDENT AT STANFORD UNIVERSITY IN ANY WAY. IT DOES NOT CONFER A STANFORD UNIVERSITY GRADE, COURSE CREDIT OR DEGREE, AND IT DOES NOT VERIFY THE IDENTITY OF THE PARTICIPANT.

Authenticity of this statement of accomplishment can be verified at <https://verify.class.stanford.edu/SOA/8ca6507716294cf393131bcf05820405>