



STUDENT
RESEARCH
COMPETITION



Association for Computing Machinery
Advancing Computing as a Science & Profession

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Certificate of Recognition

The Association for Computing Machinery (ACM)
recognizes and congratulates:

Karl Knopf

On being selected as a Participant in the
ACM Student Research Competition (SRC)
held at:

SIGMOD 2021
June 20 - 25, 2021

Gabriele Kotsis
ACM President

Laurie Williams
ACM Student Research Competition Chair