Benwei Shi

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EDUCATION

- **University of Utah**, Salt Lake City, UT
  - **Ph.D. Computing** (Working on)
    Polytope Distance Coreset Merging
    Committee: Dr. Jeff Phillips (advisor), Dr. Aditya Bhaskara
  - **B.S. Computer Science** (May 2018)
    Analysing Simultaneous Iterations
    Supervisor: Dr. Jeff Phillips

AWARDS/HONORS

- Robert Henricks Scholarship, University of Utah, Salt Lake City, UT, 2017
- Jay Lepreau Memorial Scholarship, University of Utah, Salt Lake City, UT, 2017

PROFESSIONAL EXPERIENCE

- **University of Utah**, Salt Lake City, UT
  - **Research Assistance** (May 2017 to Aug. 2018)
    Numerical linear algebra analysis for algorithms of ultra-sparse matrices.

CONFERENCE PUBLICATIONS

[C2] Shi, B., Zhao, Z., Peng, Y., Li, F., & Phillips, J. M.. At-the-time and Back-in-time Persistent Sketches. In *Proceedings of the 2021 International Conference on Management of Data*, 2021.

[C1] Shi, B., & Phillips, J. M.. A Deterministic Streaming Sketch for Ridge Regression. In *Proceedings of The 24th International Conference on Artificial Intelligence and Statistics*, volume 130, 2021.

TEACHING

- Teaching Assistant, CS 3190 (Fall 2019): Foundations of Data Analysis.
  School of Computing, University of Utah.
  Given lecturer, streaming lecture videos, held weekly office hours, graded assignments and exams.
- Teaching Assistant, CS 6140 (Spring 2020): Data Mining.
  School of Computing, University of Utah.
  Advised project groups, held weekly office hours, helped creating and graded assignments and exams.