

Stanford

Peter Bailis

Assistant Professor of Computer Science

Bio

BIO

Peter Bailis is an assistant professor of Computer Science at Stanford University. Peter's research in the Future Data Systems group focuses on the design and implementation of next-generation, post-database data-intensive systems. His work spans large-scale data management, distributed protocol design, and architectures for high-volume complex decision support. He is the recipient of an NSF Graduate Research Fellowship, a Berkeley Fellowship for Graduate Study, best-of-conference citations for research appearing in both SIGMOD and VLDB, and the CRA Outstanding Undergraduate Researcher Award. He received a Ph.D. from UC Berkeley in 2015 and an A.B. from Harvard College in 2011, both in Computer Science.

ACADEMIC APPOINTMENTS

- Assistant Professor, Computer Science

PROGRAM AFFILIATIONS

- Stanford SystemX Alliance

PROFESSIONAL EDUCATION

- PhD, UC Berkeley (2015)
- AB, Harvard College (2011)

LINKS

- Homepage: <http://bailis.org>
- Stanford DAWN: <http://dawn.cs.stanford.edu/>

Teaching

COURSES

2017-18

- Introduction to Databases: CS 145 (Aut)

2016-17

- Data-intensive Systems for the Next 1000x: CS 345S (Aut)
- Database Systems Principles: CS 245 (Win)

STANFORD ADVISEES

Doctoral Dissertation Advisor (AC)

Daniel Kang, Sahaana Suri, Kai Sheng Tai

Doctoral Dissertation Co-Advisor (AC)

Peter Kraft

Master's Program Advisor

Nathan Traxler

Doctoral (Program)

Daniel Kang, Kexin Rong