

# Building storage systems for new applications, new hardware, and new metrics

The modern storage landscape is changing at an exciting rate. New technologies, new applications, new regulations, and new metrics place new constraints and requirements on how data may be read and written. Designing storage systems that satisfy these constraints is interesting and challenging. In this talk, I will describe the lessons we learnt from tackling this challenge in various forms.



**Vijay Chidambaram**

University of Texas  
at Austin

**3:30pm, Feb 8, 2021**  
[CS Colloquium](#)

## Biography

Vijay Chidambaram is an Assistant Professor in the Computer Science department at the University of Texas at Austin. He did his post-doc at the VMware Research Group and got his PhD with Prof. Remzi and Andrea Arpaci-Dusseau at the University of Wisconsin-Madison. His papers have won Best Paper Awards in ATC 2018, FAST 2018, and FAST 2017. He was awarded the NSF CAREER Award in 2018, SIGOPS Dennis M. Ritchie Dissertation Award in 2016, and the Microsoft Research Fellowship in 2014. Techniques from his work have been incorporated into commercial products, and his work has helped make the Linux kernel more reliable.



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