Research at Verizon Digital Media Services

12:30-1:30pm
Friday, March 30, 2018

Dr. Harkeerat Singh Bedi

Principal Research Scientist
Verizon Digital Media Services

Abstract:

The talk will include a brief overview of the various projects we are researching at Verizon Digital Media Services (VDMS) and share some of the technical challenges we face today in content delivery networks (CDNs). Topics will include work on web-caching, traffic management, and security.

About the Speaker:

Harkeerat Bedi is a principal research scientist at Verizon Digital Media Services. He works in the Research Team that focuses on the Edgecast CDN, which powers Verizon's content delivery infrastructure. During his PhD., Bedi interned at EdgeCast Networks where he focused on evaluating the web-caching performance of their CDN and looking at the impact of CPU affinity on web server performance. At VDMS, Bedi has worked on projects related to network layer optimizations (TCP), traffic management, and measuring the quality of experience (QoE) of video streams.

Bedi did his PhD. in Computer Science from the University of Memphis where he focused on mitigating throughput-based denial of service attacks using techniques in applied game theory and active queue management. He did his Masters in Computer Science from the University of Tennessee at Chattanooga.

Reception in Dunn Hall 336 - 1:30pm