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- 1) The 32KB direct mapped cache has the best average performance across the 3 traces. The fully associative cache with LRU replacement and the 16 way set associative cache with prefetching were not too far behind.
- 2) The optimal configuration for the best performing cache is one with greater cache size, and higher associativity. The multi-way caches consistently performed better than the caches of the same implementation with less ways. And the best performing cache was the direct mapped which had 32KB, more than any other cache.