

Randomized

Insert Delete GetRandom $O(1)$

Insert Delete GetRandom $O(1)$ - Duplicates allowed

Linked List Random Node

Shuffle an Array

Random Pick Index

Random Pick with Blacklist

Implement Rand10() Using Rand7()

Random Pick with Weight

Random Flip Matrix

Random Point in Non-overlapping Rectangles

Generate Random Point in a Circle

Best Position for a Service Centre