The HackerRank Interview Preparation Kit

You can do it!

Topic	What did I learn	Status	Links
DAY 1			
Arrays			**(8:00 - 10:00)**
2D Array DS			
Left Rotation			
New year chaos			
Minimum swaps			
Array Manipulation			
Dictionaries and HashMaps			**(10:00 - 1:00)**
Hash tables:Ransom note			
Two strings			
Sherlock and Anagrams			
Count triplets			
Frequency queries			
Sorting			**(1:00 - 3:00)**
Bubble sort			
Mark and Toys			
Comparator			

Fraudulent Activity Notifications			
Merge Sort: Counting Inversions			
Strings			**(3:30 - 5:30)**
Making Anagrams			
Alternating Characters			
Sherlock and the valid string			
Special string again			
Common child			
Greedy Algorithms			**(5:30 - 9:00)**
Maximum Absolute difference in an array			
Luck balance			
Greedy florist			
Max min			
Reverse Shuffle merge			
DAY 2			
Search			**(8:00 - 11:00)**
Hash Tables: Ice cream parlour			

Swap nodes			
Pairs			
Triple sum			
Minimum time required			
Maximum subarray sum			
Making candies			
Dynamic Programming			**(11:00 - 2:00)**
Max array sum			
Abbreviation			
Candies			
Decibinary Numbers			
Stacks and Queues			**(3:00 - 6:00)**
Balanced Brackets			
Queues: A tale of two stacks			
Largest rectangle			
Min Max Riddle			
Castle on the grid			
Poisonous Plants			
Graphs			**(7:00 - 11:00)**
First watch mycodeschool videos (2 hrs) Then implement graphs common algorithms in java (2 hrs)			
Day 3			

Graphs			**(8:00 - 12:00)**
Roads and Libraries			
Find the nearest clone			
BFS: Shortest reach in a graph			
DFS: Connected cell in graph			
Matrix			
Trees **1-2:30..then 2:30-3:30 lunch..end by 4:15**			
Height of a Binary tree			
Lowest Common Ancestor			
Is this a BST?			
Huffman Decoding			
Balanced Forest			
Recursion and Backtracking			**(4:30 - 6:30)**
Fibonacci numbers			
Davis' staircase			
Crossword puzzle			
Recursive digit sum			
Linked Lists			**(6:30 - 8:00)**

Insert node at specific position			
Insert a node in a sorted doubly linked list			
Reverse a doubly linked list			
Find merge point of two lists			
Detect a cycle			
Miscellaneous (8:00 - 10:00)			
Flipping bits			
Time complexity: Primality			
Friend circle queries			
Maximum XOR			
End of 3 day continuous coding Hackathon……. :)			
Reward: Chill with your family members on sunday half day :D And the other half day complete linked lists questions			