

Sample Topics with examples.

- *Graph Theory:*
 - *Maze generator*
 - *Dijkstra's Algorithm (Shortest Path)*
- *Data Compression.*
 - *Huffman Compression (binary trees)*
- *Image Processing/Computer Vision.*
 - *Use of sorting algorithms to make filters.*
 - *Find Connected Components using Graphs.*
- *Machine Learning/Pattern Recognition*
- *Sorting Big Data.*
- *Other CS topic.*