Pseudo code:

Clique Check (connections, adjacent Connections):

for u in connections

For V in adjacent Connections

if y=V

Elique Army push a

return Clique Array

Max Cliques (Graph)

max = 0

for u in Graph

connections = all adjacent vertices to u + u

connections, sort()

Count = 0

For v in connections

if V 1=4:

adjacent (onnections = all adjacent vertices to v + v

cant++

Clique Array = Clique Check (connections, adjacent Connections)

if (count = len(clique Array) and max & len(clique Array)

max = len (Clique Array)

Clique Vertices = Clique Array

return Clique Vertices

I broke force the max clique problem. For every vertice within the graph, the algorithm checks all adjacent vertices for that vertice, and creates an array (collection) of all adjacent vertices, plus the vertice checked against. With all adjacent vertices to tracked (collection), the algorithm tracks all adjacent vertices to the already tracked adjacent vertices and throws it into an array (adj Collection). It then compares the two arrays, collection and adj collection. If there are say 3 notices of vertices in the two arrays, no matter the size. There would also need to be 3 adjacent arrays created with the same vertice materes. If this is true, a clique has formed. The algorithm then keeps track of the biggest clique. The runtime analysis is $O(2^n, n^2)$