Temas de Algoritmos II

1. Complejidad, Notacion O, Cotas inferiores y superiores

2. Sorting, Desicion Tree

3. Balanced search tree. AVL Trees. Binary search tree
   Link I

4. Hashing

5. Digital Tree , Prefix Tree

6. Heaps, min heap , max heap, Priority Queue:
   Link I

7. Skip list, splay tree, self organizing list

8. Divide and Conquer
   Skiena:
   Link I

Temas de Algoritmos III:

1. Graphs, Theory of graphs

Composing Programs
Link I
Algorithms, Theory and Machines
UdemyLink

Computer Architecture

Orga I Arquitectura del Computador

1. Von neuman machine.

2. Cpu architecture

3. ISA

4. Microarchitecture

5. I/O

6. Cache Memory

7. Buses

Noam Nisan, The elements of computing system (Libro)

1. Nisam Curso Link

2. Nisam Curso I Link

3. Nisam Curso II Link

Randal Bryant, Computer Systems: A programmers Perspective (Libro)

1. Operatin Systems UdacityLink