### **Number Theory**

- CodeNCode Number Theory Playlist
- CP Algorithms Algebra Section
- Utkarsh Gupta Quick Number Theory Video

#### **Binary Search**

- Codeforces Edu Section (Binary Search)
- Priyansh Agarwal Quick Binary Search Video
- CP Algorithms Ternary Search

### Greedy

- Geeks for Geeks Standard Greedy Problems
- Exchange Arguments Algorithms Live Video
- CSES Problemset (Try first 50% problems from Searching and Sorting Section)

# **Bit Manupulation**

<u>colin galen</u> theory

question practice

## **Dynamic Programming**

- Errichto's DP Beginner Videos

- CSES Problemset (Try first 60% problems from DP Section)
- Kartik Arora's DP Playlist
- AtCoder DP Contest (Try first 10 problems)
- <u>Utkarsh Gupta's AtCoder Solutions</u> (Hindi)

#### **Trees**

- Tree Video 1, Tree Video 2 on Priyansh Agarwal Channel
- Galen Collins Trees Topic Stream
- Errichto Binary Lifting Video
- CSES Problemset (Try first 6 problems from Trees Section)

# **Graphs**

- Galen Collins Graphs Topic Stream
- William Fiset Graph Theory Playlist
- CSES Problemset (Try first 8 problems from Graphs Section)