Video Resources of Major Topics

STL & Mathematics

<https://www.youtube.com/watch?v=RRVYpIET_RU> (stl1)

<https://www.youtube.com/watch?v=kFo2CJbv-h8> (stl2)

<https://www.youtube.com/watch?v=1xNbjMdbjug> (maths1)

<https://www.youtube.com/watch?v=KdePjukNs98> (maths2)

<https://www.youtube.com/playlist?list=PLN4aKSfpk8TQUiURV1k70At4Tj5oKb92i> (maths3)

Linked List

<https://www.youtube.com/watch?v=cg6JGiXhQ9c&list=PLgUwDviBIf0rAuz8tVcM0AymmhTRsfaLU> (ll1)

<https://www.youtube.com/watch?v=q8gdBn9RPeI&list=PLDzeHZWIZsTr54_TH_NK4ibFojS4mmQA6> (ll2)

Searching & Sorting

[Binary Search tutorial (C++ and Python) - YouTube](https://www.youtube.com/watch?v=GU7DpgHINWQ) (searching1)

<https://www.youtube.com/watch?v=JXU4Akft7yk&list=PLgUwDviBIf0pMFMWuuvDNMAkoQFi-h0ZF&index=26> (searching2)

<https://www.youtube.com/watch?v=647HrbUHjlY> (searching3)

<https://www.youtube.com/watch?v=l7-f9gS8VOs> (sorting1)

<https://www.youtube.com/watch?v=MtQL_ll5KhQ&list=PLqM7alHXFySHrGIxeBOo4-mKO4H8j2knW&index=1> (sorting2)

<https://www.youtube.com/playlist?list=PLDzeHZWIZsTp4pb_WBRahP1tnipLuX9qM> (searching & sorting)

Tree

<https://www.youtube.com/watch?v=YAdLFsTG70w> (tree1)

<https://www.youtube.com/playlist?list=PLgUwDviBIf0q8Hkd7bK2Bpryj2xVJk8Vk> (tree2)

<https://www.youtube.com/playlist?list=PLDzeHZWIZsTo87y1ytEAqp7wYlEP3nner> (tree3)

Graph

<https://www.youtube.com/playlist?list=PLl4Y2XuUavmtTOvFcW3HfI1oQ3hsgkB3a> (graph1)

<https://www.youtube.com/watch?v=YnhvY6iFX7I> (graph2)

<https://www.youtube.com/playlist?list=PLgUwDviBIf0rGEWe64KWas0Nryn7SCRWw> (graph3)

Dynamic Programming

<https://www.youtube.com/playlist?list=PLJULIlvhz0rE83NKhnq7acXYIeA0o1dXb> (dp1)

<https://www.youtube.com/playlist?list=PLgUwDviBIf0pwFf-BnpkXxs0Ra0eU2sJY> (dp2)

<https://www.youtube.com/playlist?list=PL_z_8CaSLPWekqhdCPmFohncHwz8TY2Go> (dp2)

Strings

<https://www.youtube.com/watch?v=burKXUPMbOc> (string1)

<https://www.youtube.com/watch?v=Wdjr6uoZ0e0> (string2)

<https://www.youtube.com/playlist?list=PL5DyztRVgtRWVqLox_K8lrWZCclxzHzLD> (string3)

<https://www.youtube.com/playlist?list=PLgUwDviBIf0pcIDCZnxhv0LkHf5KzG9zp> (trie)

Range Queries & Geometry

<https://www.youtube.com/watch?v=NEG-SoyigGE> (range queries1)

<https://www.youtube.com/watch?v=IOJpKCAKFHc> (range queries2)

<https://www.youtube.com/watch?v=bpmOyhh9cMM> (geometry)

[use any youtube video or gfg article resource for other small-small topics]

**C++ implementation of all the standard dsa & cp algorithms**

<https://drive.google.com/drive/folders/1n5okE-nAxT_EBh1opLsXjz20L0PVuqa_?usp=drive_link> (dsa codes)

<https://drive.google.com/drive/folders/1nMT27PoJOGrNJKvFQAWJ_NvbXUuymXfR?usp=drive_link> (cp codes)

**Coding Ninjas Resources**

<https://drive.google.com/drive/u/0/folders/1Qma7trB2ZRcJmXAw7BNNqVOrIKZ3tin2> (c++)

<https://drive.google.com/drive/u/0/folders/1d0ncL2fAq7RSWhQ54Ie7PvlOcEIJGCr5> (dsa)

<https://drive.google.com/drive/u/0/folders/1PBksIzfx1sbSBU9WOKqlnz71zd3AigaR> (cp)