Twitter Thread by Mohammed Junaid ■



Mohammed Junaid ■
@mdjunaidap

Data Structures & Algorithms Roadmap for Beginners in 2022.

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Data Structures & Algorithms are One of the very Important Topics to Crack Big Tech Companies.

Here's the best way to learn.

➪ Choose a language.

- Learn Fundamentals.
- Basic Syntax.
- Data Types.
- Operators, Variables, Functions.
- Conditional Statements, loops.

Best Case: C++ Or Java

•• Time & Space Complexity

•• Linear Data Structures.

- Arrays.
- Strings.
- Linked List.
- Stacks.
- Queues.

•• Non - Linear Data Structures.

- Tree.
- Graph.
- Heaps.

•• Recursion & Backtracking.

•• Algorithms.

• Sorting Algorithms.
- Bubble Sort.
- Selection Sort.
- Insertion Sort.
- Shell Sort.
- Merge Sort.
- Quick Sort.

•• Algorithms.

• Searching Algorithms.
- Linear Search.
- Binary Search.

•• Advanced Topics.

- Dynamic Programming.
- Bit Masking.
- Advanced Graph Theory.
- Suffix Tree.

•• Twitter Threads

- Resources to learn Ds Algo.
https://t.co/2NxHpqVlkS

> 40+ Resources to Learn..
> Data Structures & Algorithms \U0001f525\U0001f929\U0001f680
>
> From:
> \u2b55Youtube.
> \U0001f193Free Courses.
> \U0001f4b0 Paid Courses.
> \U0001f929 Websites.
> \U0001f4da Books.
>
> Mega Thread \U0001f9f5\U0001f92f \U0001f447
>
> — Mohammed Junaid \U0001f3af (@mdjunaidap) July 28, 2021

- Data Structures and Algorithms Explanation by
@Vinaystwt

https://t.co/XlNt1ffcvm

> Do you often forget the basics of a Data structure or algorithm?
>
> No Again!!
>
> Data Structure and Algorithms Cheatsheet
>
> A MEGA Thread\U0001f9f5
>
> — Vinay Sharma | Vinaystwt.eth (\U0001f6e0, \U0001fa90) (@Vinaystwt) September 17, 2021

- Visual Explaination of Algorithms By
@oliverjumpertz
https://t.co/ZBDtjkWcBJ

> I regularly post visual content about JavaScript. And at the moment, this content is a lot about algorithms.
>
> Now it's time for a collection of many of those visuals for any developer interesting in algorithms with JavaScript!
>
> A thread. \u2193
>
> — Oliver Jumpertz (@oliverjumpertz) September 16, 2021

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