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**Algorithms And Data Structures**

**Wirth N.; Algorithms + Data Structures = Programs; Prentice-Hall, 1976. Main References Used For The Classes Are In Bold. Algorithms And Data Structures 9 May 12th, 2024**

**Algorithms And Data Structures - Higher Intellect**

**The Algorithms Applied To The Data And That, Vice Versa, The Structure And Choice Of Algorithms Often Depend Strongly On The Structure Of The Underlying Data. In Short, The Subjects Of Program Composition And Data Structures Are Inseparably Interwined. Yet, This Book Starts With A Chapter On Data Structure For Two Reasons. Mar 10th, 2024**

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**Design And Analysis Of Algorithms With An Emphasis On Data Structures. Approaches To Analyzing Lower Bounds On Problems And Upper Bounds On Algorithms. Classical Algorithm Design Techniques Including Algorithms For Sorting, Searching, And Other Operations On Data Structures Such As Hash Tables, Trees, Graphs, Strings, And Advanced Data May 7th, 2024**

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