Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

CSE 212 Data Structure “Cheat Sheet”

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data Structure | Graphic | Purpose and Example | Time Complexity of Common Operations | |
|  |  |  | Insert | Access |
| Dynamic Array |  |  | At the beginning:  At the end: | Find by value:  Find by index: |
| Linked List (Doubly-linked) |  |  | At the beginning:  At the end: | Find by value:  Find by index: |
| Stack |  |  |  | The top: |
| Queue |  |  |  | The front: |
| Map |  |  |  |  |
| Balanced BST |  |  |  |  |