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Bin Packing Project

Common Techniques used in the project:

* First Fit, First Fit Decrease,
* Worst Fit, Worst Fit Decrease,
* Next Fit, Next Fit Decrees,
* Best Fit Best Fit Decrease.

Cutting Techniques used in the project:

1. Cutting in half
2. Cutting using Average of list
3. Cutting using Standard Deviation of List
4. Cutting using Max Spaces (Empty Space Tolerance)

Interlacing Techniques used in the project:

1. Normal Interlacing
2. Reverse-Second Interlacing
3. Reverse-First Interlacing
4. Cut in half Self and Self-Reverse-self Second Interlacing
5. Cut in half Self and Self-Reverse-self First Interlacing

Mixed Techniques used in the project:

* Cutting + combined (FF +BF)
* Cutting + combined (WF +BF)
* Cutting + combined (NF +BF)
* Interlacing +Cutting + combined (FF +BF)
* Interlacing (self) + Cutting + combined (WF +BF)   
  This one (Mostly Gives us the most optimal Solution or   
  the Least number of Wasted Spaces)
* Interlacing + Cutting + combined (NF +BF)