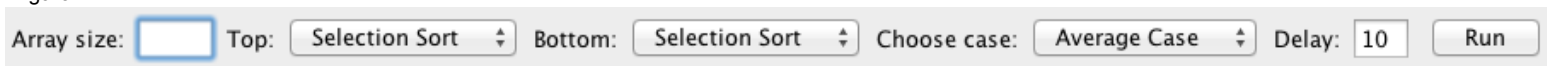# VISUALSORT USER GUIDE

Congratulations! You are now a proud user of VisualSort, an application that could help a 5 year old to understand sorting algorithms. To register your product, go to

http://goo.gl/33HTL

To purchase the premium version of VisualSort for just $29.99, you can just go to the same address.

VisualSort has a very simple interface. The options you have are shown in Fig. 1 below.

Figure 1

Array size:		Top:	Selection Sort ⇕	Bottom:	Selection Sort ⇕	Choose case:	Average Case ⇕	Delay:	10	Run

You may choose the size of the array you wish to sort in the "Array size:" box on the left. This must be a value between 25 and 300, inclusive.The array will dynamically update its size as you type. Proceeding on to the right, you will see two lists of four algorithms to choose from. One list labeled "Top:" will correspond to the algorithm visualization that will be displayed in the top section. The other list will correspond to the bottom section. Next, you may choose the case under which your algorithm(s) will sort from, be it either the average (randomly generated) case or the worst (completely reversed) case. Moving on, there is a box labeled "Delay:" under which you set the gap (in milliseconds) between the steps taken by each algorithm. This value may be between 1 and 20, inclusive. Lastly is the "Run" button. It may be clicked to start the visualization. You must wait for a visualization to end before "Run" will have any effect. See Fig. 2 and 3 below for some screenshots of VisualSort in all its glory.
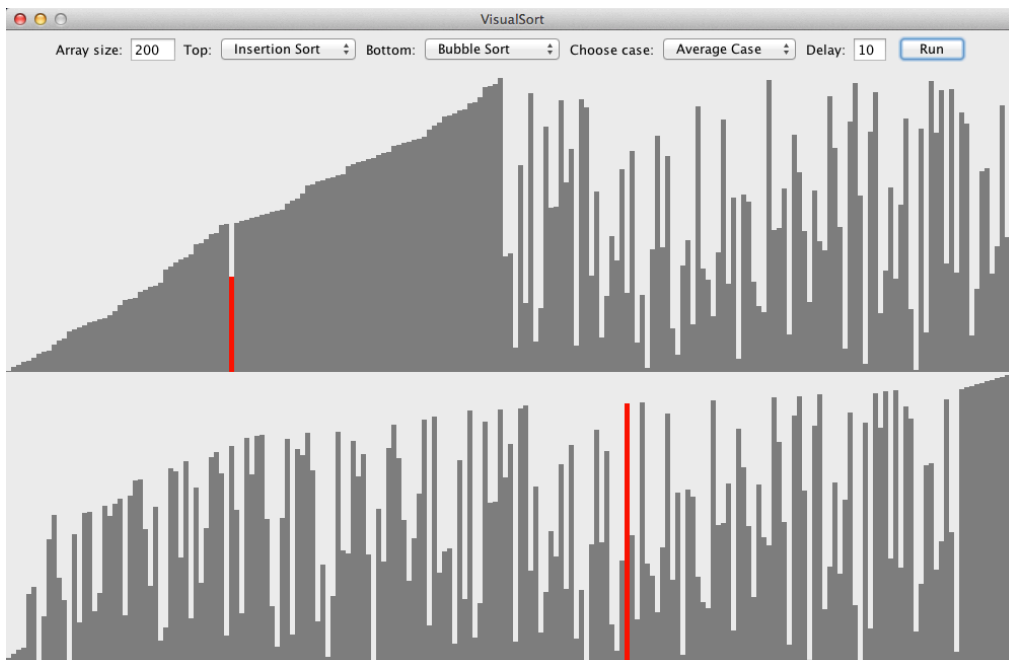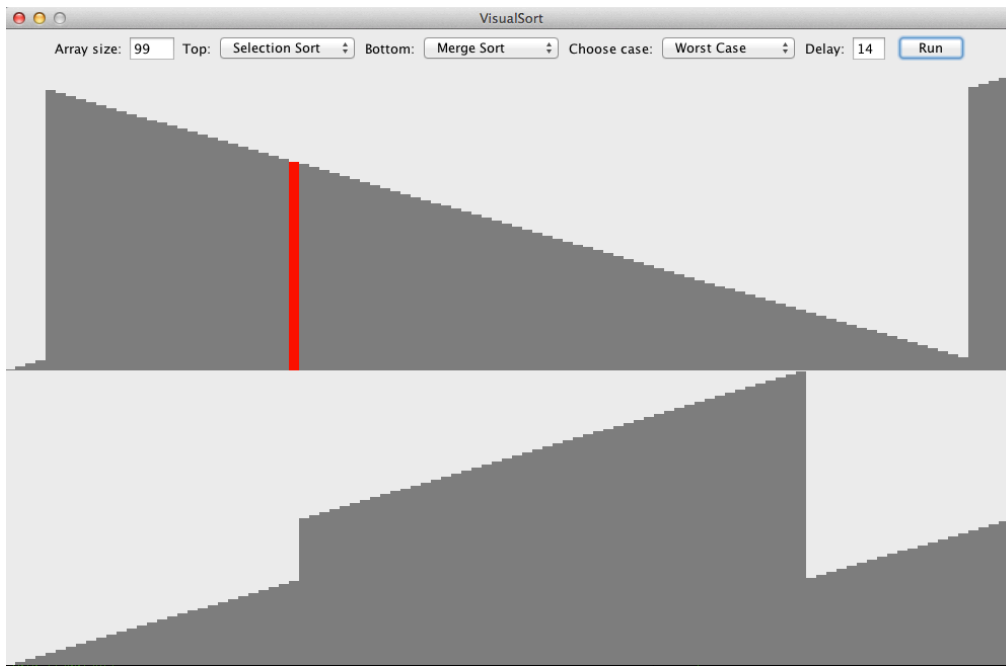

Figure 2

Figure 3

If you need help running VisualSort, refer to the readme.