StructureX (https://github.com/akshitadixit/Structurex)

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Project Description: JavaScript visualizer of algorithms and data structures.

Tech Stack: HTML, CSS, JS

Work Description:

1. Added Responsiveness and improved structure of Searching and Sorting page.
2. Added Speed to sorting algorithm execution.
3. Added variable number of values for sorting.
4. Randomized the values for search visualization.
5. Displayed results for binary search visualization.
6. Resolved other bugs and issues (Check cLog.md for more info).

https://github.com/jainaayush01/Structurex/blob/main/WOC_IIITKalyani/cLog.md (cLog.md)

Experience:

I had a wonderful experience with Winter of Code Program and also starting my Open Source journey and contributing to StructureX Project by making 9+ contributions (3 Issues + 6 PRs) and connecting with other folks in the community. It was my First project in field of Web Development and learnt about different things such as best practices for making Open Source Contributions, Responsiveness, etc.

GitHub Repo: https://github.com/jainaayush01/Structurex

Live Demo: https://jainaayush01.github.io/Structurex/

--Report by Aayush Jain