

Project 10 Name: Algorithm Visualization

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Modules:

- Vue Frontend
- Flask(Python) Backend
- PostgreSQL

Work Distribution:

- Joshua
 - Implement run button
 - Implement Algorithm Drop Down
- Jason
 - Integrate flask backend with vue to pull algorithms
 - Program array algorithms (Bubble sort, Quick Sort, Merge Sort, Selection Sort, Insertion Sort, Binary Search)
 - Program graph algorithms (BFS,DFS)
- Aidan
 - Implement node creation (right click)
 - Implement edge creation (dragging)
 - Create graph view (UI for when in graph visualization mode)
- Harleigh
 - Implement Search/Sort toggle
 - Implement graph coloring for traversal
- Bach
 - Create array view (UI for when in array visualization mode)
 - Implement rectangle switching for array sorting