

## AlgorithMe

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Github link: <a href="https://github.com/AyalaBouhnik/Final-Project-AlgorithMe">https://github.com/AyalaBouhnik/Final-Project-AlgorithMe</a>



#### **Project Description-**

Intended for computer science students who want to practice algorithm problems, this is a networking web site that allows students to study, test themselves and track their progress. Our product allows lecturers to monitor students' grades and progress.

#### **Project Goals-**

- To enable the student to study algorithms in an efficient way.
- To allow the student to observe test cases and learn from them
- To provide feedback to the student on his code (complexity, accuracy etc.).
- To allow the lecturer to monitor the student's progress.



#### **Project Benefits-**

Projected benefits for the lecturer – the lecturer receives the student's score when the student submits a solution.



Projected benefits for the consumer the student receives feedback when he submits a solution to the programming algorithm.



#### **Programs We Used to Write the Website-**

- React to create the website
- REST API
- NODEJS
- FireBase
- Python- Algorithms implimplimintations and tests



# So... what does the site actually look like?

### Hierarchy of Main Web Pages:







