

Kritika Yadav

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EDUCATION

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

B.TECH IN INFORMATION
TECHNOLOGY

Expected Graduation: 2022

Current Aggregate : 73.18%

THE-LAWRENCE PUBLIC SENIOR SECONDARY SCHOOL

SENIOR SECONDARY EDUCATION

Year of Completion: 2017

Aggregate: 71.2%

THE LAWRENCE PUBLIC SENIOR SECONDARY SCHOOL

SECONDARY EDUCATION

Year of Completion: 2015

Cgpa: 7.5

LINKS

Github:// [kritika](#)

LinkedIn:// [kritika](#)

SKILLS

PROGRAMMING

Proficient:

- Java

Familiar:

- Javascript
- C/C++
- Python

COURSE WORK

- Data Structures
- Algorithms And Analysis
- Object Oriented Programming
- Operating System
- DBMS

PROJECTS

NAVIGATE THE MARS ROVER [[LINK](#)]

- An AI web-application game that calculates and finds the shortest path possible between two user selected points while avoiding obstacles like walls on the way on a 2-Dimensional grid.
- Used **NodeJs, ExpressJs, Html, CSS** and **Searching-Algo: BFS, Bi-directional BFS** etc

BATTLE SHIP [[LINK](#)]

- A Console based Java Game that creates an Ocean and let the user and computer to place their Ships and then both user and computer one by one get chance to destroy each other's ship.
- **Winning criterion:** player with no-ships left losses and other one wins the game.
- Used **Object Oriented Concepts** and **Data Structures**
- Language: **Java**

FRACTION-CALCULATOR [[LINK](#)]

- A Console based Application to perform Arithmetic Operations on Fractions which enables the user to get both the decimal as well as the slash based notations of the fractions.
- The Application can perform addition, subtraction, multiplication, division as well as writing fraction in its simplest form.
- Used **Object Oriented Concepts** and **Data Structures**
- Language: **Java**

TOOLS AND UTILITIES

- Eclipse
- VScode
- Jupyter Notebook
- Sublime-Text
- Pycharm

CO CURRICULAR

- Selected in **Microsoft Codess Mentorship Program**
- **Tnp Volunteer** at Tnp Cell-2020
- **Mentee** LeanIn Society
- **Head Coordinator** in Technical Fest -INNERVE