



SRESTHA ROY

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AIM

To be the best in the field of Computer Science and to do work efficiently.

EDUCATION

SILIGURI INSTITUTE OF TECHNOLOGY

B. Tech.(Bachelor Of Technology) in Computer Science And Engineering
7.7 CGPA.

August 2017 to Present

MOHANBATI PARBATI DEVI BALIKA VIDYALAYA

Senior Secondary (Class 12th), WBCHSC[West Bengal Board]
62%

April 2015 to April 2017

MOHANBATI PARBATI DEVI BALIKA VIDYALAYA

Secondary (Class 10th), WBCHSC[West Bengal Board]
60%

February 2005 to March 2015

PROJECTS

INVENTORY MANAGEMENT SYSTEM

JANUARY 2020 TO FEBRUARY 2020

IMS(Inventory Management System) is an interface which can input data from the user and validate and store it in the required database. It helps in maintaining the proper order of data in a database.

Software Used: HTML & CSS(For Front-End), JSP(For Server Side Scripting), JavaScript(For Client Server Scripting).

Team Members: Srestha Roy and Aniket Ghosh.

PATH FINDER

SEPTEMBER 2019 TO OCTOBER 2019

Path Finder is a project that is based on the different shortest path finding techniques that help us determine the path between two or more nodes. It gives a basic idea of how all the algorithms work.

Software Used: HTML & CSS(For Front-End), React(for creation of the native application), JavaScript(For Client Server Scripting).

Team Members: Srestha Roy and Aniket Ghosh.

MINI COMPUTER

FEBRUARY 2019

Mini Computer is a project which mainly is a basic replica of a computer in a more portable way. This device is mainly used as a remotely connect to your computer using a network.

Software Used: DIY Raspberry pi with Rasbian OS.

Team Members: Srestha Roy and Aniket Ghosh.

SORTER

OCTOBER 2018 TO NOVEMBER 2018

Sorter is a project that is based on the different sorting techniques that help us sort a particular array or list. It gives a basic idea of how all the algorithms work.

Software Used: HTML & CSS(For Front-End), React(for creation of the native application), JavaScript(For Client Server Scripting).

Team Members: Srestha Roy and Aniket Ghosh.

LINE FOLLOWER AND OBSTACLE AVOIDER

FEBRUARY 2018

LineFollower and Obstacle avoider is a combination of 2 projects where the hardware device follows a particular line(the first part) and avoids any obstacle present in its path and moves in any other way that doesn't have an obstacle(the second part).

Software Used: Arduino.

Team Members: Srestha Roy, Tanusree Halder and Surabhi Gope.

TECHNICAL SKILLS

Data Structure and Algorithm using C and C++ [using Bloodshed Dev-C++ version 2 (TDM-GCC version 4.9.2 64-bit)]

Implementation of Object Oriented Programming Problems [in JAVA and C++ using Visual Studio Code version 1.32.3]

HTML/CSS (Intermediate, Working knowledge)

JavaScript (Intermediate, Working Knowledge)

Java Server Pages (JSP, Intermediate, Working Knowledge)

SQL (Intermediate, Working Knowledge)

Operating System: Windows (7 and 10), Linux (Ubuntu 18.04).

IDE: Bloodshed Dev-C++ version 2 (TDM-GCC version 4.9.2 64-bit For C and C++ Programs), Visual Studio Code version 1.32.3 (For C, C++, and JAVA Programs), Eclipse Oxygen (For HTML, CSS, JavaScript and PHP), Net Beans (For HTML, CSS, JavaScript and JSP), CodeBlocks (For C, C++ and JAVA Programs).

ADDITIONAL ACTIVITIES

GLOBAL ENTREPRENEURSHIP SUMMIT (NATIONAL LEVEL EVENT)

FEBRUARY 2020

Participated in Global Entrepreneurship Summit (GES) 2020 and gave a speech on Innovation.

ENTREPRENEURSHIP CELL

AUGUST 2019 TO PRESENT

One of the active and committee members of the Entrepreneurship Cell (E-Cell).

Wall Magazine

March 2019

Have been one of the active members of Departmental Wall Magazine-'LOGIC'

TECHNICAL PARTICIPATION (INTER-COLLEGE)

FEBRUARY 2018 TO PRESENT

Participated in Software Project Competition.

Participated in Hardware Project Competition.

YOUTH SCIENCE FAIR (DISTRICT LEVEL COMPETITION)

DECEMBER 2018

Participated in the District level Science Youth Fair Competition.

NATIONAL SERVICE SCHEME

SEPTEMBER 2017 TO PRESENT

One of the active members of the National Service Scheme (NSS).

CULTURAL PARTICIPATION (INTER-COLLEGE)

February 2018 to Present

Participated in ICIMSAT and performed monologues, dances, recitation, drama, sang songs.

Participated in many cultural contests.

Secured the 1st position in Basanto Utsav.

Participated in Rabindra Jayanti celebration, Independence Day, Republic Day.

OTHER SKILLS

Leadership Quality, Group Leader, Good Communicator (Fluent In English), Adjustability, Focused, Punctual, Dedicated.

INTERESTS

Acting, Video Editing, Singing, Dancing, Cooking.