Vaibhav Jain

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Delhi, Gwalior

EDUCATION

Bachelor of Technology (B.Tech), Information Technology And Mathematical Innovation (2016 - 2020)

Cluster Innovation Centre University of Delhi

Percentage : 80.20%

XII (Senior Secondary), Science

Year of Completion: 2016

CBSE Board (Kiddy's Corner Public School)

Percentage : 91.60%

X (Secondary)

Year of Completion: 2013

CBSE Board (Kiddy's Corner Public School)

CGPA : 9.20/10

POSITIONS OF RESPONSIBILITY

- Project Manager in Autonomi: Robotics Society at Cluster Innovation Center (January 2017 - Presently)

TRAININGS

Introduction To Robotics

Stanford Online (Online)

Dec 2016 - Jan 2017

Course on physics-based modeling, design, planning, and control of robotic arm.

Control Of Mobile Robots

Coursera (Online)

Oct 2016 - Dec 2016

Course focuses on application of Linear Time Invariant control theory on mobile robots and different types of robotic modelling.

PROJECTS

4-bit Calculator

Mar 2017 - Apr 2017

Calculator capable of performing addition and subtraction with one digit decimal input.

RoboAttack

Feb 2017 - Apr 2017

https://github.com/Vab-jain/RoboAttack

A browser based game which involves a problem based on graph theory. It involves creating random graphs and solves a problem of destroying path between k nodes in minimum weights.

Line Following Robot

Aug 2016 - Oct 2016

We were able to design and code a two-wheeled Differential Drive Mobile Robot to follow a black line on a white board. Black line may form complex network of lines having curved or sharp turns.

Simulation of a Robotic Arm

Feb 2017 - Present

Simulation of a 2D arm with 2 revolute joints in Simulink & MATLAB

SKILLS

C++ Programming	C Programming
Intermediate	Intermediate

Python	Matlab
Beginner	Beginner

Java	Mathematics
Intermediate	Intermediate

Robotics	Arduino
Intermediate	Intermediate

HTML	CSS
Beginner	Beginner

JavaScript	
Beginner	

WORK SAMPLES

GitHub Profile:

https://github.com/vab-jain

ADDITIONAL DETAILS

- 1st place award, in 'Fastest Line Follower Robot' Competition, at Society of Robotics,
DTU (Delhi Technological University)