Sovan Kar

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EDUCATION

Bachelor of Engineering, Computer Science And Engineering

Sri Sairam College of Engineering	Pursuing
Visvesvaraya Technological University (VTU)	8.54 [CGPA]
Bangalore, Karnataka	

Class XII, Science

D.A.V. Model School	May 2016
Central Board of Secondary Education (CBSE)	79.83%
Durgapur, West Bengal	

Class X

Pranavananda Vidyamandir	May 2014
Indian Certificate of Secondary Education (ICSE)	91.5%
Durgapur, West Bengal	

TRAINING AND CERTIFICATIONS

- NPTEL Certification on "Joy Of Computing Using Python", with 92% (Gold Medal) IIT Madras, from February, 2019 to April, 2019.
- Android Workshop by Wissensqelle, from 28th February 2019 to 4th March 2019.
- Udemy The Complete Python 3 Course: Beginner to Advanced
- Udemy Python and Django Full Stack Web Developer Bootcamp

COMPUTER PROFICIENCY

Programming Languages

- C ●●●●
- C++ ●●●●
- Python ●●●●
- JAVA ●●●○
- SQL ●●●○
- HTML ●●●○
- JAVASCRIPT ●●○○
- JQUERY ●●○○
- PHP ●●○○

Operating Systems Used

- Windows 98, XP, 7, 10 ●●●●
- Ubuntu ●●●○

PROJECTS

Project 1:   **Voice Controlled Car**
Period: April 2018 - May 2018
Project Type: ISTE Student Chapter
Team Size: 4
Role: Technical Lead

Project Summary

The car is designed to be controlled by primarily voice commands. We connect the Bluetooth module with the mobile app. Once done, the commands which we give through the mobile get sent to the Arduino via the module. We accept character by character from the serial buffer sent by the app and combine them to form a string, then compared to the command. If it matches, the command is carried out. For example, when the string we receive is "Right", the car turns right.

Project 2:   **Disaster Management Satellite**
Period: January 2019 - March 2019
Project Type: Singapore Space Challenge 2019
Team Size: 7
Role: Camera Payload and Simulation

Project Summary

Design a disaster management satellite whose main objective is to see through clouds and report of any forecast of natural disasters. It should be able to work in the night and during eclipses.

Project 3:   **Cruise Reservation System**
Period: April 2018 - May 2018
Project Type: Database Management Mini Project
Team Size: 2
Role: Frontend Development

Project Summary

A Cruise Reservation System automates the data management process. This system handles all the stages involved in a cruise reservation process: signing up, reservation, approval/rejection, itinerary generation, payment options.

Project 4:   **Clipping Plane Application**
Period: May 2019 - June 2019
Project Type: Computer Graphics Mini Project
Team Size: 2
Role: Graphics Designer

Project Summary

This 3D OpenGL Program have the feature to view objects from all different angles. You can clip the objects along the coordinate axes. using prefixed mouse and key bindings. Also, rotation option is available for detailed visualization of the clipped object. This program is written in C programming language using OpenGL library.

Project 5:   **Tic Tac Toe Game**
Period: April 2016 - May 2016
Project Type: C Project
Team Size: 1
Role: C Developer
Project Summary
A Tic Tac Toe game designed in C. Two player can play the game by choosing the sign first and then insert the positions to put the sign. Result is declared based upon the basic rules.

LANGUAGES

- English ●●●●
- Bengali ●●●●
- Hindi   ●●●○

INTERESTS

- Outdoor Sports
- Listening Music
- Cooking

PERSONAL

Father's Name: Mr. Tara Sankar Kar
Birthday: October 04, 1998
Gender: Male
Nationality: India
Passport No.   T5697297, Expires 04/21/29

MY ADDRESS

14/24 Tansen Road, B Zone,
Durgapur – 713205,
Bardhaman,
West Bengal