Vijay Bhimji Jamariya

Email Id: vijayjamariya99@gmail.com
Contact No: 8976717076

Objective: To obtain a position that will allow me to utilize my technical skills, experience and willingness to learn in making an organization successful.

Academics:

Qualification	Institute / University	Year of passing	% Score
B.E(Computer science)	St.john College Of Engineering And Technology, Mumbai University	2018	**6.75(CGPA)**
HSC	(Uttakarsh Vidhyalaya And Junior College), Maharashtra Board	2014	**61.23**
SSC	(Saraswati Vidya Mandir), Maharashtra Board.	2012	**70.35**

Project:

Total Fitness

- Design and develop a website that provide workouts, dieting, training and will provide gym related all workouts and much more
- This is a website designed to use by Users with good UI and it is designed using html,css and javascript and hosted on local host XAMPP

Developed final year project "Self Blanching Robot"

- ☐ Abstract:The Self balancing robot is based on the inverted pendulum concept. In this concept an inverted pendulum is positioned on a cart and the cart is allowed to move on the horizontal axis and the pendulum is required to stand upright . This type of case is that of an unstable system. The angle measurement is done with the help of a sensor fusion of gyroscope and accelerometer i.e using an IMU, requiring filtering mechanism as both provide erroneous angle results. One such filter is the Kalman Filter, but the design and implementation of that filter is lengthy, tiresome and difficult to implement on smaller 8-bit micro controllers. This paper intends to design and implement a Self balancing robot with the help of a Complementary filter using PID algorithm as the control strategy
- Technology:

  Hardware: Aurdino uno kit, Joystick, Sensor
  Software:Aurdino,EmbeddedC

- Technical Skills

    - Java core
    - C
    - HTML5
    - CSS3
    - Java Script
    - JSON

Personal Details:

Date of Birth: 23th Aug'96
- Language Known: English, Hindi, Gujarati, Marathi

(Vijay Jamariya)