Rutuja Patel

E - 303, Surel Apartment,
Near Devashish Business Park,
Bodakdev, Ahmedabad, 380015
D.O.B - 12th January, 1999
9426571949
rutuja.me
mail@rutuja.me

EXPERIENCE

Encube Fablab / JANUARY 2019 – PRESENT
Trainee
Getting trained for polishing my making skills with the aim to share my knowledge with other fellow students. Website link

Tech-Top / 8, JUL 2018 - 15, JUL 2018
Mentor
A week-long program for developing making and entrepreneurship skills among students.

Lab 55 / FEBRUARY 2017 - NOVEMBER 2018
Intern
This Lab is a makerspace which taught me making. I learned 3D Printing and Electronics (Arduino Coding and Programming).

Arcobotics / DECEMBER 2016 - DECEMBER 2017
Intern
Arcobotics - ARDUINO, CODING AND ROBOTICS, we were a group of students who named this company and started developing this with an aim to initiate self-learning in students by using Arduino, Coding and Robotics as Tools

EDUCATION

Bachelor of Engineering
Gujarat Technological University (GTU)
Silver oak College of Engineering and Technology
(Pursuing) 2016 - 2020

Fab Academy - Diploma on Principles and Applications of Digital Fabrication

2018 (January) - 2018 (June)

My FabAcademy Website

H.S.C- Gujarat state board- R.H. Kapadia

2013 - 2016

PROJECTS

Salt Water Lamp
DEVELOPING
A 2$ Lamp. Less cost and more effective for use.
Mentor: Prof. Rajesh Nair (Visiting scholar at MIT, USA)

SKILLS

- Arduino Coding and Programming
- Digital Fabrication
- Electronic Circuit Design
- CAD Modelling (2D-3D)
- 3D Printing
- Internet of Things
- HTML Website making
- Wordpress Website making
- Autodesk Fusion 360
- Rhino 2D and 3D CAD modelling
- Google Sketch up
- Microsoft Office suit
- Jmhj
-

LANGUAGES

- HINDI
- GUJARATI
- ENGLISH

Hobbies

- TREKKING
- CAMPING
- TRAVELLING
- SKETTING
- CHESS

Auto Flute
Machine playing the Flute.
Mentor: RudrapalSinh Solanki (Fab Academy Instructor)

Colour Separator
A Machine separating ball of different colour
Machine separating colours. Using a colour sensor and 2 servo motors with the help of Arduino
Mentor: Dhruv Saidava (General Manager, Encube Labs India Pvt Ltd)

Toxicity Detector
Detecting toxicity of the sewage pit
Specially made for sewage workers. Using IOT the sensor value goes to the portal
Mentor: Dhruv Saidava (General Manager, Encube Labs India Pvt Ltd)