

Harsimar Singh

2nd year B. Tech, Technology Enthusiast
National Institute of Technology, Surat, Gujarat

| DEVELOPER | CURIOUS | LEARNER |

B109, Bhabha Bhavan,
SVNIT, Surat
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EXPERIENCE

Google Developers Group , NIT Surat
Executive Member-Aug 2016 - Present

DRISHTI , NIT Surat
Executive Member-DEC 2015 - JAN 2017
(Technical Club of NIT Surat)

OBJECTIVE

To intern at an organization where I can contribute through my skills and passion, and learn on implementing them into real world scenario from the brightest minds in the vicinity.

EDUCATION

National Institute of Technology, Surat — B.Tech
Electronics and Communication Engineering -8.44/10 CGPA
2015 - 2019

All India Higher Secondary Examination — CBSE-91.8 %
2014-2015

All India Senior Secondary Examination — CBSE-10 CGPA
2012-2013

PROJECTS

PlacementFeed Android App — Self Initiative

**Under Development

An android App that can provide the Placement Feed of our college directly on our Mobile.

SKILLS

C,	★ ★ ★ ☆ ☆
C++,	★ ★ ★ ★ ☆
Java,	★ ★ ★ ☆ ☆
Android App Development,	★ ★ ★ ★ ☆
Firebase Google,	★ ★ ★ ☆ ☆
Arduino,	★ ★ ★ ☆ ☆
Avr,	★ ★ ★ ★ ☆

Virtual Orchestra — *Under Drishti Winter Of AVR,NIT Surat*

An image processing project to implement a software that responds to user's actions as in Orchestra.

DTMF Controlled Mobile Bot — *EC Mini-Project 2015-2016*

Controlling a differential drive bot from anywhere using a mobile phone.

MyClassroom — *Self Initiative*

****Under Development**

An android app that can provide all the necessary information about your branch.

Advanced Line Follower — *Drishti major Project,NIT Surat*

Line follower using line interpolation technique.

Capacitive Sensing AVR— *Converted Arduino Code to AVR*

Translated the arduino code of arduino based capacitive sensing into avr.

Self Balancing Bot — *Side Project*

The bot that self balances itself.

Gesture Controlled Bot — *EC Mini-project 2016-2017*

****currently working on**

Bot that can be controlled by hand gesture.

ACHIEVEMENTS

2nd Prize — *Line Follower Competition*

Line following competition organised by Drishti, NIT surat.

3rd Prize — *Dirt Rider Follower Competition*

Bot race on uneven level ground

Selected for Robocon Team, NIT Surat

Represented Dehradun Region in 19th National Children Science Congress held at Jaipur 2011

