

# Mandeep Dhaliwal

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Hostel 1,  
GNDEC,  
Ludhiana-141006,  
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**OBJECTIVE** To implement new Technology and Solutions

## EDUCATION

Degree	College/School	University/Board	Passing Year	Pass percentage
X	Kendriya Vidyalaya	CBSE	2014	9.0 CGPA
XII	Kendriya Vidyalaya	CBSE	2016	90%
B.Tech ECE	Guru Nanak Dev Engineering college, Ludhiana	Punjab Technical University	2020 (Ongoing)	-

## PROJECTS

1. Darkness Detector circuit using LDR
2. Square wave generator using op-amp
3. Automatic Fan Speed Controller
4. Electric vehicle speed controller
5. Program for Hospital Data Management
6. Program for Shortest Path Planning using Dijkstra's Algorithm
7. Machine Learning based Image Sorting on Raspberry Pi - NAS
8. Bot and Lift Mechanism for Nutty Squirrel Theme in eYRC 2018

## TRAINING & INTERNSHIP

- 6 weeks Training at NIELIT, Chandigarh in RaspberryPi with Python
- Internship as Campus Ambassador in Internshala Student Program 8.0

**RESEARCH  
PUBLICA-  
TIONS**

None

**TECHNICAL  
SKILLS**

- C and C++
- Python
- L<sup>A</sup>T<sub>E</sub>X
- Assembly for 8085 microprocessor and 8051 microcontroller
- AVR C (ATmega2560)
- Embedded Systems
- ROS (Beginner level)
- Linux (Ubuntu / Fedora)

**SOFT SKILLS**

1. Management
2. Self Motivation
3. Leadership and Teamwork
4. Flexibility

**EXTRA-  
CURRICULAR  
ACTIVITIES**

- Member of Organising Team in Atharva 2018 at GNDEC
- National Service Scheme volunteer
- Sports
- Participation in various events at college level

**CO-  
CURRICULAR  
ACTIVITIES**

1. Member of SAE INDIA (2018-19)
2. Member of Computer Society of India, GNDEC (2018-present)
3. Team member in Team Reventon for Efficycle 2018 Competition by SAE at LPU, Phagwara, Team Secured 12th position all over India
4. Team Leader in Team for eYantra Robotics Competetion at IIT Bombay, Team Id 1990 secured 5th Position at Finals
5. 4th position in Workshop on Python for Data Science by CSI, GNDEC

**Personal Details**

**Father's Name:** Nahar Singh  
**Mother's Name:** Prem Lata  
**Sex:** Male  
**Date of Birth:** 4 Feb 1999  
**Nationality:** Indian  
**Marital Status:** Single

**Reference**                None

**Declaration**            All the details provided by me are correct to my Knowledge

**Date**                      17 April 2019