

# Mandeep Dhaliwal

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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