

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^AT_EX
- Assembly for 8085 microprocessor and 8051 microcontroller
- AVR C (ATmega2560)
- Embedded Systems

SOFT SKILLS

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