

PRABHMEHAR PAL SINGH BEDI

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TRAININGS

Data Science for Engineers (NPTEL – IIT Madras)

August 2023 – Present

- Learning mathematical foundations for data science, assessing the solution approach and constructing use cases to validate the approach and identify modifications required.

Thapar Summer School (Machine Learning and Deep Learning)

June 2023 – July 2023

- Created several mini projects in python (link in Github)
- Gained an insight of Data Science and Machine Learning.

Introduction to Internet of Things (NPTEL – IIT Kharagpur)

June 2022 – October 2022

- Secured Elite Certificate from IIT Kharagpur with a consolidated score of 64%.
- Completed an online course that provides an in-depth understanding of IoT and its applications.
- Learnt to develop IoT applications using popular platforms and how it is used in various industries these days.

Programming with C and C++ (Internshala Trainings)

Nov 2021 – January 2022

- Completed 8-week online training on Programming with C and C++.
 - Scored 96% in the final assessment and was a top performer.
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PROJECTS

Buggy (Autonomous Small Scaled Self-Driving Vehicle)

March 2023 – July 2023

- Created a small self-driving vehicle prototype to navigate along a given path and avoid obstacles without any human intervention and send the data calculated by sensors to the control hub.
 - Worked in a team of 5 students to achieve the desired result.
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LEADERSHIP ROLES

Student Representative (Thapar University, Patiala)

January 2023 – July 2023

- Managed, coordinated, solved the academic queries of a group of 100+ students.

Prefect (GRM School, Bareilly)

August 2019 – July 2021

- Assigned duties to different house members and maintained discipline in the designated area.
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EDUCATION

Thapar Institute of Engineering and Technology

B.E. Electronics and Computer Engineering.

CGPA: 8.27

Expecting a merit Based Scholarship worth 100k+

Patiala

December 2021 - Present

G.R.M. Sr. Sec. School (CBSE)

Bareilly, Uttar Pradesh

- Senior Secondary (XII): 93%
- Secondary (X): 94.4%

July 2021

July 2019

SKILLS & INTERESTS

Programming Languages:

Python, R, Matlab, C++, C

Database Management Systems:

MySQL

Libraries/Framework:

Pandas, Numpy, Seaborn

Language:

Professional Level Fluency in English

Fluent in Punjabi and Hindi

Soft Skills:

Critical Problem Solving (Solved 50+ puzzles, link on Github)

Team Management (Buggy, Prefect)

Communication Skills

Interests:

Programming, Exercising, Playing Chess, Pool, Table Tennis, Badminton