

Hashandeep Kaur

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EDUCATION

Thapar Institute of Engineering and Technology, Patiala <i>Bachelor of Engineering in Electronics and Computer Engineering</i>	2022-2026(Expected) 8.74 CGPA
Budha Dal Public School, Patiala 12th	2022 92
Budha Dal Public School, Patiala 10th	2020 97.4

PROJECTS

Hulu Website Clone | *HTML, CSS*

- Developed a Streaming Service Website Clone
- Styling with Vanilla CSS

SuperMarket Sales Analyzer | *Python, Matplotlib, Numpy, Pandas*

- Developed a Supermarket Analyzer to analyze the sales of Supermarket.
- Data Handled using Pandas.
- Flowcharts created using matplotlib For Easy understanding of users.

House Price Predictor | *Python, Numpy, Pandas, scikit-learn*

- Built a House Price Predictor Model.
- House Price prediction done using Linear Regression.

Autonomous Vehicle Project | *C, X-CTU, Eagle*

- Engineered and integrated specialized circuits including a gantry proximity detection system, infrared-based path-following circuit, and frequency control circuit for optimized operations.
- Developed a collision avoidance system using ultrasonic sensors to ensure safe navigation and prevent accidents.
- Programmed autonomous navigation and parking capabilities, utilizing data from infrared sensors to maintain path adherence and enabling automated parking after completing designated tasks
- Established wireless communication using XBee modules for real-time data exchange between the computer and the vehicle, enhancing control and monitoring functionalities.

EXPERIENCE

Saturnalia Techno Cultural Fest

Sept. 2023 – Feb. 2024

Thapar University

Patiala, Punjab

- Part of Designing Team.
- Managed Designing and Creativity Events.

Courses

- Data Science for Everyone
- Mastering Data Structure and Algorithms using C/C++
- Supervised Machine Learning

TECHNICAL SKILLS

Domains: Data Science, Machine Learning, IoT, Web Development

Languages: Python, C/C++, HTML/CSS, SQL, Javascript

Frameworks and Libraries: SQL, Numpy, Pandas, Tailwind CSS,

Developer Tools: Git, Visual Studio, Roboflow, Linux