

Ashbir Singh Dhiman | Final Year Graduate

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Education & qualifications

Degree	Institute/University	Performance	Year
B.E. in Computer Engineering	TIET , Patiala	7.21/10	2017-2020
Diploma in Computer Eng.	Thapar Polytechnic College	75.27%	2014-2017
Matriculation	O.P.B.M.S , M.G.G	7.8/10	2013-2014

Skills

Development Skills: Java, MySQL, HTML/CSS, Android(Beginner)

Other Skills: Software development, Microsoft Office, Photoshop,

Projects

Smart Waste Segregation Dustbin System Using Machine Learning and AWS (Jan 2019-DEC 2019)

Smart Dustbin using AWS is a waste segregation project which is used to segregate into biodegradable and non-biodegradable waste. Raspberry Pi send capture images of waste to the AWS as an API and AWS analyse the waste using CNN model and send the type of waste detected. Raspberry Pi also send the real-time data to the AWS for managing whether the dustbin is completely filled or not.

Exam Seating Arrangement System Using Java and MySQL using text mining. (JAN 2017- MAY 2017)

Seating Arrangement using data mining which is developed in JAVA, MySQL wamp server. This project is used to design and implement exam seating arrangement for Thapar polytechnic college. It is dynamic seating arrangement as this uses a pdf file converted to .csv file which contains roll no with courses as allotted by the PSBTE board. There is pre-allotted room arrangement in the database with varying capacity and different branches have different colour which help the student to find their seat allotted easily.

Smart Parking System usingS Image detection. (July 2018 – NOV 2018)

This project offers a desktop application based parking reservation system where customers can view various parking spaces and select nearby or specific area of their choice to view whether space is available or not. If the booking space is available, then customers can book it for specific time slotAlso image processing is used to check the number plates and then validate that whether the data is stored in a database or not? So this project will also serve as a theft control system.

Awards and Achievements

- Exam Seating project is currently being used at Thapar Polytechnic College
- Stood 2nd in Code Debugging in Techno Fest 2017 held at Rayat Bahra Patiala Campus.
- Stood 2nd in 200m race in open walking challenge at Mandi Gobindgarh.

Interests

- Getting knowledge of Latest Technology and automobiles
- Fitness
- Playing Basketball