Gursahib Singh

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ACADEMIC QUALIFICATIONS

Present CGPA: 9.45 (BE-Computer Engineering,2019,Thapar Institute of Engg. & Tech.)

Examination	Year	Board/University	School/College	%age/CGPA
Class XII	2015	CBSE	Kundan Vidya Mandir,Ludhiana	95.6
Class X	2013	CBSE	Kundan Vidya Mandir,Ludhiana	10

SOFTWARE COMPETENCIES

Worked on	C/C++, Django, JavaScript, HTML, VueJS(Frontend Framework)
Knows about	SQL, Python, R
Other skills	Web Development, Problem Solving, Machine Learning & Data Analytics

PROJECTS

Ongoing	• **PERSONAL WEBSITE.** The website will contain details about current & past projects and personal blogs.	
	• **WORKOUT ASSISTANT - AN APPLICATION FOR FITNESS ENTHUSIASTS.** The app provides an interface to record the workout volume(namely sets,repetitions and weight) and track progress.	
Completed	• **CONDUCTING BOLSTER- BONE CONDUCTION TECHNOLOGY.** The project aims at designing a pillow with an embedded alarm which track sleep and wakes up using bone conduction.	*(March 2018-October 2018)*
	• **MACHINE LEARNING-STOCK PRICE PREDICTOR.** Code to predict future price of stocks given current data. Linear Regression used to model the data.	*September 2018*
	• **MACHINE LEARNING-MODEL COMPARISON,ENSEMBLE & FEATURE SELECTION.** Various regression and classification models were compared and performance was improved using ensembling techniques and feature selection.	*(August 2017-December 2017)*
	• **DATABASE MANAGEMENT OF ONLINE MULTIPLAYER GAMING.** A typical game has elements like characters,weapons, locations, scoring etc. Relationship between these elements was recognised and recorded.	*(August 2016-December 2016)*

ACADEMIC DISTINCTIONS

Scholarships	Merit Scholarship worth ₹**2,45,000** (2015-2018) awarded to **5/1500** students.
Scholastic Achievements	• **Distinction in XII**, one of 20 selected from a batch of 400 students . • **Merit Certificate** in Class X for being among the top students in school.

EXTRA CURRICULAR ACTIVITIES

Responsibilities	• **Head Boy** of School(2014-2015) • **Editor** of college society's FB page.
Sports	Been part of school Cricket,Athletics & Volleyball team.
Management	• Organised **Blood Donation Camp** at school managing a team of 30 students, participation of 300+ donors. • Been part of Event Management and Publicity team for society.

OTHER INFORMATION

Hobbies	Reading , writing, exercising.
Interests	• Studying about **Financial Market.** • Exploring different genres of video games.
Social Profiles	**LinkedIn**: gursahib-singh-04849b156 **Github**: codesahib