

**SATYAVRAT SHARMA**Course : **M.Sc. (Hons.)**, Mathematics and **B.E. (Hons.)**, Computer Science, 2021

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CGPA : 8.11



COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	Hans Raj Model School	Central Board of Secondary Education	94.8 %	2016
CLASS X	Maharishi Dayanand Public School	CENTRAL BOARD OF SECONDARY EDUCATION	10 CGPA	2014

<b>Subjects / Electives</b>	Database Management Systems, Discrete Mathematics, Object Oriented Programming, Computer Programming, Graphs and Networks, Data Structures and Algorithms, Operating Systems
<b>Technical Proficiency</b>	React.js, Socket.io, JavaScript, Leaflet, MongoDB, Web Scraping, C++, Python, Express.js, Node.js, Git

**SUMMER INTERNSHIP / WORK EXPERIENCE**

<b>IDC Intern, Microsoft India</b>	<b>May 2020 - Jul 2020</b>
<ul style="list-style-type: none"> <li>Worked for Sales &amp; Marketing Organization under the project titled "Model Driven Sales Planning"</li> <li>Created an end-to-end Web Application using ASP.NET CORE, ReactJS, Azure SQL.</li> <li>Application Design, Test-Driven Development, Dynamic User Experience, CI/CD, Secret Management.</li> </ul>	
<b>Intern, Metarain Distributors</b>	<b>May 2018 - Jul 2018</b>
<ul style="list-style-type: none"> <li>Analyzed Average Order Value, Customer Bucket Pattern and Visualized Transition Probability among Segregated customers</li> <li>Converted large order data of users to simpler user drop off and order pattern information to facilitate efficient analysis</li> <li>Developed webapp to upload CSV files and visualized order coordinates from source to destination for preliminary analysis</li> </ul>	

**WORK EXPERIENCE**

<b>Software Development, BOSM'18, BITS Pilani's Sports Fest Software</b>
<ul style="list-style-type: none"> <li>Contributed to development of website that eased registration, verification, bill payment and accommodation of participants.</li> <li>Implemented SEO and Pagespeed optimization which helped website to gain 6.6k hits in 2 months and 99/100 by Google Page Insights</li> <li><b>Highlights:</b> AJAX integration, Sockets, CSV/Excel generation, Google Recaptcha, Materialize CSS, Caching, Email Automation</li> </ul>
<b>Frontend Web Development, Coding Club</b>
<ul style="list-style-type: none"> <li>Lectured a two-day workshop on <b>Basics of Front-end Web Development</b> which had a footfall of around 100 students.</li> <li>Developed various <b>live-quizzing websites</b> (similar to games like Psych and Loco) each of which saw around 300 participants.</li> </ul>
<b>Toy Compiler</b>
<ul style="list-style-type: none"> <li>Developed a compiler for toy language ERPLAG as a part of Compiler Construction course in BITS Pilani.</li> <li>Both front end and back end modules including lexer, parser, semantic analyser and code generator were implemented in C.</li> </ul>
<b>Open Source Contributor</b>
<ul style="list-style-type: none"> <li>Active contributor of <b>non-profit-community CExtractor</b> that aims to take a recording from any TV show &amp; generate subtitle file</li> <li>Contributed to <b>'CCR' repository</b> which displays closed captions extracted from software to website in real time.</li> </ul>

**COMPETITIONS**

<b>Code.Fun.Do. 2018</b>	<b>Feb, 2018</b>
<ul style="list-style-type: none"> <li>Individually made 'Connect Web App' which aims at connecting Lecturer with Attendees during a Lecture, in real-time</li> <li>Technology stack used: Node.js, MongoDB, Express.js, Socket.io, Passport.js, Materialize.css</li> </ul>	

**POSITION OF RESPONSIBILITY**

<b>Founding Member - DaanCorona.Tech</b>	<b>Mar 2020 - Present</b>
<ul style="list-style-type: none"> <li>It aims at digitizing local businesses and marketplace, creating a trusted environment between customers and sellers.</li> <li>More than Rs. 50,000 were collected for small businesses in Pilani Town during the lockdown.</li> <li>Led Technical Team through ideation, design and development of the website and android application.</li> </ul>	
<b>Web Development Team Lead - Coding Club, BITS Pilani</b>	<b>Apr 2018 - Apr 2019</b>
<ul style="list-style-type: none"> <li>Led team of Web Developers in club, guided new comers, inculcated good coding practices and use of version control in projects</li> <li>Diversified Backend team with introduction of Node.js in addition to conventional Django development</li> </ul>	

<b>Accepted for Google Summer Of Code'18   Google</b>	<b>Apr 2018</b>
<b>Merit-Cum-Need Scholarship   BITS PILANI</b>	<b>Oct 2017</b>

CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
<b>Neural Networks and Deep Learning</b>	Coursera	Online Course
<b>Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization</b>	Coursera	Online Course