



**SHUBHANKAR TIWARI**, RA1811003010432  
Course : **B.Tech**, Computer Science and Engineering, 2022  
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ACADEMIC DETAILS				
COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS X	Apeejay School Sector 16-A, NOIDA,UP-201301	CBSE	9 CGPA	2016
CLASS XII	Amity International School, Mayur Vihar Phase-1, Delhi-110091	CBSE	80.4 %	2018
B.Tech	SRM Institute of Science and Technology - Kattankulathur Campus		9.41 CGPA	2022

Subjects / Electives	
Technical Proficiency	C++ Language, Data Cleaning, Neural Networks, Tensorflow, Image Processing, Machine Learning, Data Analysis, C Programming, Deep Learning, NumPy, Linear Algebra, Data Visualization, Linux Desktop, Computer Vision, Theory of Computation, Python3, Natural Language Processing, Pandas, SQL, Statistical Concepts

SUMMER INTERNSHIP / WORK EXPERIENCE	
<b>Data Science and Analytics Intern, The Sparks Foundation</b> Used supervised and unsupervised Machine Learning Algorithms upon varied types of datasets	<b>Oct 2020 - Nov 2020</b>
<b>Business Development Analyst, OutCampus</b> Analysed and contributed various ideas to develop and grow the business of Outcampus, a start-up which teaches recreational activities online.	<b>Jun 2020 - Jun 2020</b>
<b>Ambassador, dToks   Making Rejuvenation A Routine</b> Spread awareness about mental health by conducting surveys through Google Forms and asking questions on some social media networks. Conducted research on the topic 'Mental Health Statistics in India'.	<b>Jun 2020 - Jul 2020</b>
<b>Virtual Experience Program(Data Analytics), JP Morgan Chase &amp; Co.</b> The virtual experience program of JP Morgan Chase offered by InsideSherpa consisted of tasks to accomplish the aim of analysing and showing the varying stock price data to traders.	<b>May 2020 - May 2020</b>

PROJECTS	
<b>Trigger Word Detection - Deep Learning</b> Detected trigger word "activate" using NLP to initiate a speech recognition system which gives a chime sound upon hearing the trigger word.	<b>Jan 2021 - Jan 2021</b>
<b>Headlines Text Generation using LSTM - Deep Learning</b> Predicted and generated new headlines using NLP and LSTM. <a href="#">Link</a>	<b>Jan 2021 - Jan 2021</b>
<b>Face Recognition System - Deep Learning</b> Built a face recognition system using OpenCV in Python. The recognition system can detect a face and it's various parts like eyes, a smile. It also shows the name of the person and the confidence level of the person in relation to the photos in the trained dataset.	<b>Nov 2020 - Nov 2020</b>
<b>Song Recommender System - Data Science</b> Built a song recommender system using Python Language and unsupervised Machine Learning. This recommender system takes into consideration the beats per minute of an individual(bpm) during workout and recommends songs based upon that. As the bpm of the individual increases the song keeps changing to keep the individual motivated towards exercise	<b>Jun 2020 - Aug 2020</b>
<b>Estadísticos - Data Science and Analytics</b> It was a project required to be done for a subject in our 4th Semester. The project consists of predicting stock prices for Tesla for the future using ML algorithms and thus showing the Descriptive, Prescriptive and Predictive Analysis. It also consists of using various ML Classification algorithms for PIMA India Diabetes Classification and predicting which is the best algorithm with highest accuracy. <a href="#">Project Link</a>	<b>Jan 2020 - May 2020</b>

CERTIFICATIONS		
CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
C++ For C Programmers, Part A	Coursera	
Programming for Everybody (Getting Started with Python)	Coursera	
Desktop II: Intermediate	Tableau Software	
C Programming: Language Foundations	edX	
Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization	Coursera	

CERTIFICATIONS		
CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
Programming for Everybody (Getting Started with Python)	Coursera	
Python Data Structures	Coursera	
Structuring Machine Learning Projects	Coursera	
Deep Learning Specialization	Coursera	
Python Data Structures	Coursera	
Convolutional Neural Networks	Coursera	
Databases and SQL for Data Science	Coursera	
Machine Learning	Coursera	
Databases and SQL for Data Science	Coursera	
Sequence Models	Coursera	
Neural Networks and Deep Learning	Coursera	

POSITION OF RESPONSIBILITY		
<b>AI/ML Researcher - Beeclust Multi-Robot Systems Lab</b> Working as an AI/ML Researcher for Beeclust Multi-Robot Systems Lab, a research-based lab in SRMIST, which develops self-innovated ideas in the field of AI.		<b>Feb 2020 - Present</b>
<b>Sponsorship Coordinator - Gen-Y</b> Gen-Y is a technical club at SRMIST. Coordinated and arranged sponsors in the market for various events and workshops of the club.		<b>Aug 2019 - Feb 2020</b>
<b>Volunteer - NSS</b> Worked as a volunteer for NSS spreading information about cleanliness,health and safety measures for oneself.		<b>Jan 2019 - May 2019</b>
<b>Volunteer - AARUUSH</b> Worked as a volunteer for AARUUSH, a national level techno-management fest of SRMIST, Chennai		<b>Aug 2018 - Nov 2018</b>

EXTRA CURRICULAR ACTIVITIES	
Traveling Jogging Listening to Music	

PERSONAL DETAILS	
Date of birth: 29 November 1999	Father's name: Akshay Tiwari
Permanent address: E-402, Mayurdhwaj Apartments, IP Extension, Delhi, East Delhi, Delhi, PIN - 110092	Languages known: German, Hindi, English
Permanent contact number: 9910608519	Nationality: India
Passport availability: true	