

# Tarun Sharma

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EXPERIENCE	<b>Jawaharlal Nehru University, Research Intern</b> , New Delhi, India Jan 2020- Present <ul style="list-style-type: none"><li>Currently working on a deep learning model that predicts the response of cancer cells on different treatments based on their genomic profiling.</li><li><b>Mentored By:</b> Prof. Shandar Ahmad, SCIS, JNU</li></ul>
EDUCATION	<b>Jamia Millia Islamia</b> , New Delhi, India Jul 2018- Present <ul style="list-style-type: none"><li>Master of Computer Application</li><li>SGPA: 9.085 / 10.0</li></ul> <b>Chhatrapati Shahu Ji Maharaj University</b> , Kanpur, India May 2013- Jul 2016 <ul style="list-style-type: none"><li>B.Sc. in Computer Application</li><li>Percentage: 62.72 %</li></ul>
PROJECTS	<b>COVID19 Forecast</b> Apr 2020 <ul style="list-style-type: none"><li>A machine learning model which predicts the number of Fatalities and confirmed cases of certain region or a country on given day.</li><li>It uses Random Forest Regression for predictions.</li></ul> <b>UCV</b> Oct 2019 <ul style="list-style-type: none"><li>RTC based IOT device to control the rotation of a solar panel for normal fall of sunlight over the solar panel.</li><li>Developed Nodejs script which fetches Sun related data from an external API &amp; provides it to the IoT device.</li><li>Supervised by - Dr. Mansaf Alam</li></ul> <b>Customers Leaving Bank</b> Jan 2020 <ul style="list-style-type: none"><li>An Artificial Neural Network that predicts whether a customer is going to leave the bank in near future based on his Geographical location, gender, credit score, etc.</li><li>Developed using Keras library it achieves the accuracy of 84%</li></ul> <b>Credit Card Fraud Detection</b> Mar 2020 <ul style="list-style-type: none"><li>A deep learning model to detect potential frauds who have applied for a credit card in the bank.</li><li>The model uses Self Organizing Maps for correlations and an Artificial Neural Network for prediction.</li></ul> <b>GitHub Mini Projects</b> Sep 2018- Present <ul style="list-style-type: none"><li>Kaggle - A collection python programs for various Kaggle problems.</li><li>Portfolio - Web-page to showcase my skills and projects.</li><li>Bank Stocks Analysis - A visual analysis of stock prices of five Indian banks.</li></ul>
SKILLS	<ul style="list-style-type: none"><li><b>Web:</b> HTML, CSS, Node, SQL</li><li><b>Programming:</b> C, C++, JavaScript, Python, Java (familiar)</li><li><b>Machine Learning:</b> TensorFlow, Keras, Scikit-learn</li><li><b>RPA:</b> UiPath</li><li><b>Interpersonal Skills:</b> Management, Leadership &amp; Writing</li></ul>
ACTIVITIES & INTERESTS	<ul style="list-style-type: none"><li>Answered 125+ questions on QA website Quora</li><li>Member of winning team in 19th Junior State Tennis Ball Cricket Championship organized at Balia (Uttar Pradesh)</li><li><b>Technical Interests:</b> Data Science, Deep Learning &amp; Web Development</li><li><b>Other Interests:</b> Reading about history, Political &amp; Global Affairs, Listening Poetry</li></ul>