

Tarun Sharma

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EXPERIENCE	Jawaharlal Nehru University, Research Intern , New Delhi, India Jan 2020- Present <ul style="list-style-type: none">▪ Currently working on a deep learning model that predicts the response of cancer cells on different treatments based on their genomic profiling.▪ Mentored By: Prof. Shandar Ahmad, SCIS, JNU
EDUCATION	Jamia Millia Islamia , New Delhi, India Jul 2018- Present <ul style="list-style-type: none">▪ Master of Computer Application▪ SGPA: 9.12 / 10.0 Chhatrapati Shahu Ji Maharaj University , Kanpur, India May 2013- Jul 2016 <ul style="list-style-type: none">▪ B.Sc. in Computer Application▪ Percentage: 62.72 %
PROJECTS	Image Compression Jun 2020 <ul style="list-style-type: none">▪ An interactive machine learning model that compresses the image by clustering similar colors together.▪ It uses the KMeans Clustering algorithm for clustering the colors. UCV Oct 2019 <ul style="list-style-type: none">▪ RTC based IOT device to control the rotation of a solar panel for normal fall of sunlight over the solar panel.▪ Developed Nodejs script which fetches Sun related data from an external API & provides it to the IoT device.▪ Supervised by - Dr. Mansaf Alam Customers Leaving Bank Jan 2020 <ul style="list-style-type: none">▪ 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.▪ Developed using Keras library it achieves the accuracy of 84% . Image Denoising using AutoEncoders Jun 2020 <ul style="list-style-type: none">▪ A deep learning model to reduce the noises in the MNIST dataset. GitHub Mini Projects Sep 2018- Present <ul style="list-style-type: none">▪ Kaggle - A collection python programs for various Kaggle problems.▪ Portfolio - Web-page to showcase my skills and projects.▪ Bank Stocks Analysis - A visual analysis of stock prices of five Indian banks.
SKILLS	<ul style="list-style-type: none">▪ Web: HTML, CSS, React, Node, SQL▪ Programming: C, C++, JavaScript, Python, Java (familiar)▪ Machine Learning: TensorFlow, Keras, Scikit-learn▪ Tools: Git, UiPath▪ Interpersonal Skills: Management, Leadership & Writing
ACTIVITIES & INTERESTS	<ul style="list-style-type: none">▪ Answered 125+ questions on QA website Quora▪ Member of winning team in 19th Junior State Tennis Ball Cricket Championship organized at Balia (Uttar Pradesh)▪ Technical Interests: Data Science, Deep Learning & Web Development▪ Other Interests: Reading about history, Political & Global Affairs, Listening Poetry