

ARCHIT GUPTA

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EDUCATION

Nanyang Technological University B.S. in Computer Science	2020 - 2024
Delhi Public School, RK Puram GPA: 95.8 % <i>ACT</i> : 34	2016 - 2020

EXPERIENCE

City of Urbana · Data Analysis & Visualisation Intern	June - August 2020
<ul style="list-style-type: none">· Examined the race composition of traffic stops in Urbana with respect to block-wise demographics· Developed a relationship between race, street and probability of being stopped by the police· Created interactive maps highlighting the impact of race and gender on traffic stops in different streets	
Government of Delhi · Research & Analysis Intern	May - June 2019
<ul style="list-style-type: none">· Mapped public facilities in all the sub-regions of Shakurbasti (region of Delhi) and created a comprehensive database· Evaluated and forecasted the future requirements of each ward by analysing current demographics using Pandas and NumPy.	

PROJECTS

<u>taar</u> · (Flask, Python, HTML, CSS)	June 2020
<ul style="list-style-type: none">· Created a web app that uses natural language processing to analyse text and evaluate its subjectivity out of 100· Developed an high-accuracy algorithm well-suited for long articles and blogs	
<u>WholesomePolice</u> · (Python, discord.py, TextBlob)	July 2020
<ul style="list-style-type: none">· Built a discord bot that utilises machine learning to flag and respond to hate speech· Wholesome Police recognises depressive behaviour and sends helpful resources· It can send random wholesome news, jokes, quotes and videos from the internet	
<u>Cancer Classification Model</u> · (Sklearn, XGBoost)	May 2020
<ul style="list-style-type: none">· Developed a machine learning model that classifies breast cancer as benign or malignant based on its size, radius and area using Vector Support Machines· The model has an accuracy rate of 87 %	

ORGANISATIONS

<u>CoViz</u> · Project Lead and Data Analyst	May 2020 - August 2020
<ul style="list-style-type: none">· Co-led an 11 member team that researched the impact of COVID-19 on cybersecurity, identified vulnerable industries and investigated affordable options.· Scrutinised Russia's COVID-19 data to determine the legitimacy of official data by examining government policies and prediction models.	
<u>Developh</u> · Vice President, Education	August 2018 - July 2019
<ul style="list-style-type: none">· Led the 9 member education department—creating and curating free content on various tech tools and software.	

SKILLS

Languages/Frameworks	Python, C++, Java, Flask, SQL, Web (HTML, CSS)
Tools	Pandas, Sklearn, NumPy, Figma, Tableau, Git