

ARCHIT GUPTA

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EDUCATION

University of Illinois at Urbana-Champaign BS Computer Science and Statistics	Champaign, IL 2020 - 2024
Delhi Public School, R. K. Puram GPA: 4.0	New Delhi, India 2016 - 2020

EXPERIENCE

Coronavirus Visualisation Team <i>Senior Data Analyst</i>	Cambridge, MA, USA May 2020 - Present
<ul style="list-style-type: none">Co-Leading an 11 member team to investigate the impact of COVID-19 on cybersecurity. Identifying industries vulnerable to cybercrime and exploring affordable protective measures.Scrutinizing Russia's COVID19 data to determine the legitimacy of their official data by analyzing official government policies and prediction models.	
Government of Delhi <i>Research and Analysis Intern</i>	New Delhi, India May 2019 - 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 analyzed the future requirements of each ward by analyzing its demographics using Pandas and NumPy.	
KPMG (Klynveld Main Goerdeler) <i>Virtual Data Analytics Intern</i>	Sydney, Australia April 2020 - May 2020
<ul style="list-style-type: none">Analysed a client's customer data to understand how different demographics contribute to the client's growthEvaluated new customers based on their demographic and location to predict the extent of their involvement with the clientExamined client's dataset for issues and subsequently cleaned the data	

SKILLS

Languages & Frameworks:	Python, C++, Java, Flask, SQL, ,HTML/CSS
Tools:	Pandas, NumPy, Sklearn, Seaborn, TextBlob, XGBoost, Figma,

PROJECTS

taar <i>Python, Flask, HTML/CSS</i>	github.com/architg1/taar
taar is a web application that uses natural language processing to analyse text, evaluate its subjectivity, and classify it as unbiased, slightly biased, biased or highly biased.	
WholesomePolice <i>Python, TextBlob</i>	github.com/architg1/WholesomePolice
WholesomePolice is a discord bot that uses natural language processing to flag, respond to and remove hate speech. It also recognizes discussion related to depression and sends relevant resources. It can also provide uplifting quotes, news articles, and songs.	
Cancer Classification Model <i>Pandas, NumPy, Sklearn</i>	github.com/architg1/Breast-Cancer-Classification
Created a model to classify breast cancer as benign or malignant based on its size, radius and area using a support vector machine algorithm. It can classify the tumour with an accuracy of 87%.	
Velocity Management <i>C++</i>	github.com/architg1/database-management-system
A database management system for hotels. The administrator can create, update, search and assign rooms and the customer can search, book and upgrade rooms.	

AWARDS

Distinction in Communication Skills, Grade 5 Awarded for exceptional verbal and written communication skills	Trinity College London Feb 2018
Gold Medal Recognised for academic excellence for 7 consecutive years.	Delhi Public School, RK Puram April 2019