

Sanchit Tomar

+1 (315) 395-9151 | satomar@syr.edu | linkedin.com/in/stomar5 | unpretentiousgeek.github.io/

EDUCATION

Syracuse University | Master of Science in Applied Data Science

June 2025

IMSEC Ghaziabad | Bachelor of Technology in Computer Science

2018 - 2022

- Published a Research Paper in MAT Journals

SKILLS

- Programming Languages:** Python, R, HTML, CSS
- Libraries:** PlotLy, Pandas, Numpy, Seaborn, Matplotlib, Scikit, XGboost, PyTorch
- Tools:** Jupyter Notebook, Tableau, R Studio
- Data Science & Miscellaneous Technologies:** Data science pipeline (cleansing, wrangling, visualization, modeling, interpretation), Statistics, OOP, APIs, Excel, Git, SQL
- Interests and Domain:** Machine Learning, Artificial Intelligence & UI/UX

EXPERIENCE

Project Trainee

August 2021 - October 2021

Harman Connected Services | Remote

- Worked on various Display Optimization Models for maximizing sales of a retail store
- Performed Exploratory Data Analysis on CPG Data
- Learned about working of CPG Industry and the use of Display Optimization in Retail Stores

PROJECTS

- Image Classifier:** Developed an image classifier using neural networks to classify 102 flower species with an accuracy of 90%. This project can be used to identify flowers in real-world applications, such as plant identification apps.
- Two Layer Authentication Transaction System:** Developed a prototype of a transaction system with an additional security layer of face recognition. This project can be used to improve the security of online transactions by making it more difficult for unauthorized users to access accounts.
- CO2 Emission Dashboard:** Created an interactive dashboard with Python and panel to visualize the carbon dioxide emission over the years across countries and continents. This project can be used to raise awareness about climate change and help people make informed decisions about their carbon footprint.
- YouTube API Analysis:** Used the YouTube API to request Dave Lee YouTube channel data and performed exploratory data analysis on it. This project can be used to understand the popularity of a YouTube channel and how it can be improved.
- Churn Prediction for a Telecom Company:** Developed a churn prediction model to predict customers who are most likely to discontinue their service. This project can be used to improve customer retention by targeting customers who are at risk of churning.
- Climate Change Powerapp:** Developed a PowerApp as part of a Database Management System project, enabling exploration and analysis of historical weather trends, and facilitating proactive response through future weather alerts.

ACHIEVEMENTS & CERTIFICATES

- DeepLearning.ai Certificates for AI for Everyone, Machine Learning Specialization
- Google Data Analytics Professional Certificate
- Certificate for submitting a Paper in NCRAITC
- Udemy Certificate in Web Development, Python
- MOOCs Certificate for Completing the Course Developing Soft Skills and Personality