





RAHUL RUSTAGI

Delhi, India

EDUCATION

B.tech (IT) (2017-2021) - Amity University,
Noida
Class 12 (2017) - Happy School,
Delhi
Class 10(2017) - Happy School, Delhi

CONTACT & PORTFOLIO

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WORK EXPERIENCE

- **Machine Learning Intern**
– **Ineuron.AI (10/2020-Present)**
My role is to develop, deploy and debug various machine Learning projects in the field of E-commerce and financing sector which can utilize machine learning and statistical techniques along with providing the projects a suitable front end along with an Interactive API.
Technologies Used – Google Collab, Brackets, Mongo dB etc.
- **Data Science Intern**
– **Ismile Technologies (06/2020-07/2020)**
My role was to work on the covid-19 detection tool for the organization by providing various Machine Learning and Deep Learning Solutions needed for the project and then deploying them with API and Front-end for commercial usage o cloud various different cloud platforms such as AWS, Azure and GCP.
Technologies Used – GitHub, Linux, Azure SQL etc.
- **IOT and Forecasting Intern**
– **Phigene Nutritech (04/2020-05/2020)**
My role was to Learn about the various sensors that can be used to improve the farm productions using the organization's products and to research about the Sales forecasting tools and their usage to predict the future sales for a certain product.
Technologies Used – Google collab, MySQL etc.
- **Artificial Intelligence Intern**
– **Kyrion Technologies (06/2019-07/2019)**
My role was to Learn about the various concepts of Deep Learning and AI to give the Hewlett-Packard assessment test and to build a real time facial recognition model using OpenCV as a project and to Learn the various types of neural networks and their Usage in today's time.
Technologies Used – Jupiter Notebook, Spyder, Azure etc.

PROJECTS

- ✧ ***MBA Placement Assist*** - A Machine Learning model that uses techniques like RFE and Cross-validation to build a classifier model of Placement prediction based on Kaggle Dataset coupled with an Interactive Web-app API through Flask and Jinja. A Hyperparameter tuned ANN is used to predict whether the student will be placed or not.
- ✧ ***Fake News Classifier*** - A model which can use various Deep Learning and NLP techniques to verify the authenticity of news or event report coupled along with a web scraper tool and an interactive API. The ML

algorithm which was used for getting the highest accuracy on the test dataset without overfitting was Passive Aggressive Classifier.

✧ ***AQI Predictor***

A project which can be used to predict the Air Quality Index of a certain city using various values and Machine Learning algorithm (Random Forest) in the back end. The front end of the project consists of a Flask and Jinja based Web-app that is deployed on the Google Cloud Platform.

✧ ***Covid-19 X-ray detector***

A project which uses various deep learning techniques and covid-19 positive cases X-Ray scans as the training dataset to identify and predict the chances of a person having Covid-19 using X-Ray scan image as the input. The model uses a CNN trained using the covid-19 dataset to predict the chances of a person being covid-19 positive.

MAJOR SKILLS

- Python, C++, C etc.
- Machine Learning and Deep Learning
- Power BI
- Statistics
- Natural Language Processing

CERTIFICATIONS

- ✓ Data science with python specialization (University of Michigan)
- ✓ Machine Learning & Deep Learning Masters (Ineuron)
- ✓ Artificial Intelligence course (Hewlett-Packard & WAC)
- ✓ Power BI & Tableau Masters (Ineuron)

PUBLICATIONS

1. Book Chapter – *IGI Mhealth: A resolution in improving Global Health (chapter -4)*
2. Term Paper – *Artificial Intelligence powered Databases for human census and goods allocation.*
3. Blog – *1. SVM and it's working*
2. Hands-on project with Random Forest