CHIRAG SHARMA

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SUMMARY

Data Science Intern with **6 months of internship experience** skilled in Data Analysis, Machine Learning, and Data Visualization. Seeking positions in **Machine learning Engineering, Data Science, and Data Analyst** roles to apply technical capabilities and contribute to data-driven decision-making.

EDUCATION

Master In Economics, Delhi School of Economics, University of Delhi (61.67%) 2018 - 2020
Relevant Coursework: Probability & Statistics, Econometrics, Mathematics.
Bachelor of Arts (Honors.) in Economics, Motilal Nehru College, University of Delhi (64.80%) 2013 - 2016

SKILLS

Technical Skills "Data Manipulation and Analysis" - (Pandas, SQL, Numpy, Python), "Machine Learning Frameworks" - (Scikit-Learn, Tensorflow, PyTorch), "Data Visualization" - (Matplotlib, Seaborn, Tableau) & "Natural Language Processing" - (Spacy, NLTK, HuggingFace Transformers (BERT)). (Course Certifications)
Soft Skills Written Communication, Presentation, Collaboration.

EXPERIENCE

Data Science Intern May/2022 - Nov/2022
Ineuron Intelligence Pvt. Limited (Internship Certifications) *Bangalore, India*

- Worked with 1 team member to build End-to-End Machine Learning Model Pipeline for 2 projects.
- Built a predictive model that would predict the Material Backorder for Inventory Management using **1.6 Million data points**.
- Collected data, performed exploratory data analysis, built a Machine Learning model to predict the rental bike demand using Weather and Seasonal information that attained **80% R^2**.
- Tech Stack: Python, Scikit-Learn, Docker, Git, GitHub, GitHub Actions, Flask, Heroku.

PROJECTS

- **Constructed a Credit Default Prediction Application** by utilizing **150k** historical information of borrowers & employing predictive models(Logistic Regression, Random Forest, and XGBoost Classifier) to accurately predict customer loan repayment likelihood, achieving a remarkable **Roc-Auc Score of approximately 85%**.(GitHub)
  Frameworks: Git, GitHub, GitHub Actions, AWS EC2, AWS ECR, Docker, Python, Scikit-Learn, Flask.
- **Designed a Multilingual Toxic Comment Classification Application**, leveraging **2.1 Million** English comments for model (XLM-Roberta)training, to effectively predict & classify toxic comments from 6 Non-English languages, attaining a robust **93.50% Roc-Auc Score**. (Application) (Blog) (GitHub)
  Tools: HuggingFace Transformers, Google TPUs, Gradio, Tensorflow(Keras).
- **Engineered a Melanoma Skin Cancer Detection Application** using **33,000 JPG medical images** from Kaggle,achieving an **Roc-Auc Score of 89.48%** on the test images. (Application) (Blog) (GitHub)
  Tools: PyTorch, Multi-GPUs, Transfer Learning, Gradio.

EXTRA-CURRICULAR ACTIVITIES

- Actively write blog posts on Medium and on my Website on topics such as Machine Learning, NLP & Computer Vision with over **7500+ views**.