Lavkush Ramchandra Gupta

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PROFILE

An independent and self-motivated individual with proven ability and Hands On experienced in developing Data Science projects with DS and Algo. Passionate about building models that fix problems. Relevant skills include machine learning, problem solving, programming, and creative thinking.

SKILLS

- Languages : Python, SQL, R.
- Databases : MySQL, Basic knowledge in Mongo DB, Cassandra, IBM Cloudant - A NoSQL DBaaS
- Library : Pandas, Numpy, Matplotlib, Seaborn, Sci-kit, Beautiful Soup, RASA for Chatbot, Selenium for Web Scraping, NLTK, Streamlit, Flask.
- Deep Learning Frameworks : PyTorch, Tensorflow, Scikit-learn
- Cloud Technologies : Amazon Cloud Services (AWS), GCP
- Other Skills : Presentation, Excel, Tableau, Git, R.

EDUCATION

MSc in Computer Science with a Specialization in Data Science 05/2021
UDCS, University of Mumbai, Mumbai, India Mumbai, India
Courses: Python Programming, Statistics, Data Analysis & Visualization, Artificial Intelligence and Machine Learning, SQL & Analytics, Databases Technology, Data Modeling, Research Methodology and Publishing

Highlights: 800+ hours of coursework, 10 coding assignments, 3 projects (Web scraping, EDA, ML)

MSc in Physics 05/2020
NES Ratnam College of Art Science and Commerce. (Affiliated to University of Mumbai) Mumbai, India
(GPA: 8.50/10)

EXPERIENCE

Data Science/Technolgy Intern 07/2022 – present
SuperZop Mumbai, India
- Currently, working on building color correction model to find true colors of objects using OpenCV application.
- Built an application to correct the perspective of image, getting bird eye view of object boosting object detection and its dimension measurement accuracy unto 5%.
- Created an Flask API for ingesting multiple images and processing out the results.

Deep Learning Engineer Intern 09/2021 – 11/2021
Helppr.ai Gurgaon, India
- Provided input to the collection of data from new sources and refinement to existing one to improve model development.
- Subject Classifiers :Built Text classification model to predict contents for 11 UPSC Subjects – Science, Geography, Economics, History, etc. based on Distil BERT.
- Image Super Resolution : Built the model based on SRGAN concept to reconstructs low resolution input images to give high resolution output images.
- Finetuned pre-trained models on our custom datasets to achieve accuracy in a range 95%-98% for our many classification models, also performed Error-Analysis.
- Helped the organization to achieve their goals before deadline with improved accuracies by 18% as compared to the previous models.

COURSES AND CERTIFICATES

- AWS Practical Data Science Specialization
- Probability and Statistics: To p or not to p?
- Machine Learning
- Python (Greyatom)
- Machine Learning Engineering for Production (MLOps) Specialization
- Deep Learning Specialization

LANGUAGES

- English
- Hindi
- Marathi