Himanshu Daga

M himanshudaga.ai@gmail.com | 📴//himanshu-daga | 💭//himanshu-daga | 🕓 +91-95300-46871

An aspiring data scientist with 1.5+ years of experience in Data Science and Machine Learning. Excited to explore & learn new things and apply them to develop data-driven creative & impactful solutions!

EDUCATION

LNMIIT, JAIPUR

B.TECH. IN COMPUTER AND COMMUNICATION ENGINEERING June 2020 | CGPA: 9/10

ST. ANSLEM'S. JAIPUR

 12^{th} CBSE | 90%

ST. PAUL'S. PALI 10^{th} CBSE | CGPA: 10/10

SKILLS

PROGRAMMING

Python • Matlab • C • Pytorch TensorFlow • Keras • Spacy NeuralNets • Transfer Learning ML • DL• Jupyter notebook • SQL

SOFT SKILLS

Leadership • Teamwork • Problem Solving • Communication • Rational analysis • Never give-up attitude

POSITIONS OF

RESPONSIBILITY

- Event Coordinator- IWMA 2019 - Week long workshop at LNMIIT - Led a team of 40 volunteers
- Organiser & speaker- Hacktoberfest - Workshop on Open Source & Git -100+ attendees
- Teaching Assistant
- CP, DBMS & OS labs
- Student Mentor - Counselling & Guidance Cell

ACHIEVEMENTS

- Merit based **scholarship** on scoring 9.4 GPA in 2017.
- 25+ MOOC certifications in Al. ML & Data Science.

• Elected as **1st** out of 15 senators in 2019 Senate Elections.

WORK EXPERIENCE

AVATAAR.ME | AI RESEARCH ENGINEER | Oct 2020 - Present

- Implemented multiple research papers in 3D Deep Learning.
- Developing an AI system to generate shape & texture of 3D models from single-view or multi-view 2D image inputs.

DELHIVERY | Associate Data Scientist | Jan-Sep 2020

- Achieved 125% recall improvement with 97.5% precision on invalid-address prediction using unsupervised language modeling.
- Made valid-address predictor with 97% precision & 60% recall.
- Developed interpretable Address Quality Scorer to suggest missing info.
- Made Address Similarity Engine for Tier 3 addresses with 98% precision.

GOOGLE EXPLORE ML FACILITATOR | 2019-20

- One of 60 students selected from around India for Google ML Academy.
- Delivered 2 tracks (10 sessions) on ML to a crowd of 200+ students.

PARINTEK | ML RESEARCH INTERN | Aug-Dec 2019

- EDA & predictive modeling of 4 medical signals- ECG, PCG, EEG, & EMG.
- Developed a novel DL architecture for EEG based specialised seizure detection.

EPISOURCE | DATA SCIENCE INTERN | May-July 2019

- Made 2 rules-based systems in SpaCy for HEDIS measures & NegEx detection.
- Assisted in developing EpiAnalyzer visualization tool of NLP engine.

LUSIP, LNMIIT | ML INTERN | June-July 2018

NIU, TAIWAN | AI INTERN | Dec 2017

PROJECTS

DA VINCI-ART | ONE IMAGE IN ART STYLE OF ANOTHER

- Paint any image in art style of Lenonardo Da Vinci's- Monalisa.
- Used pre-trained VGG-19 CNN with Neural Style Transfer

ONLINE FIRESTORM | SOCIAL SYNCHRONY DETECTION

• Real-time outburst detection on Twitter using centrality measures.

GUISE | A FACE RECOGNITION SYSTEM

• Encode input face as 128-D vector and match with other known faces.

PICTICIA | STEGNOGRAPHY, GREEN SCREEN COMPOSITE, GREY SCALE

• Project live at: himanshu-daga.github.io/Picticia/

PUBLICATION

• Journal paper publication in Inderscience IJSHC titled: 'An Insight on Autonomous Drone Navigation Methods'