

EDUCATION

Indiana University Bloomington, Bloomington, IN, US	GPA: 4/4
Master Of Science in Data Science	Jan 2021 – present
Course Work: Machine Learning, Elements of AI, Applied Algorithms, Big Data Management, Software Engineering, Statistics	
Gandhi Institute of Technology and Management University Hyderabad, India	GPA: 8.12/10
Bachelor of Technology in Computer Science and Engineering	July 2016 – April 2020
Relevant Course Work: C, C++, Java, Python, Linear Algebra, Statistics, Data Structures and Algorithms, Data Mining, Machine Learning, Artificial Intelligence, Software Engineering	

WORK EXPERIENCE & INTERNSHIPS

Research Data Analyst, Indiana University	Bloomington, IN, US
Technologies: Python, R, Tableau, Oracle SQL.	Jan 2021 – Present
<ul style="list-style-type: none">Utilized hypothesis testing & logistic regression to identify achievement gap in minority groups to impact academic policies.Developed data pipelines and Tableau reports for providing key insights in student performance, retention and graduation distribution.To append PhD students’ life cycle data UX dashboard as public facing on Indiana University website.	
Summer Intern, Eli Lilly and company	Indianapolis, IN
Technologies: Python, Natural Language Processing, Web Scrapping	May 2021– June 2021
<ul style="list-style-type: none">To Provide Cognitive search capability to medical agency search against database like FDA and EMA via a natural language question and return relevant results to help with accelerating regulatory submissions for Eli Lilly. View ProjectPerformed abstraction based Natural language generation methods like T5 Transformer, GPT- 2 Algorithm and BART Transformer.	
Data Science Intern, CYIENT limited	Hyderabad, India
Technologies: Python, Transfer learning, PCA, Data Augmentation	Dec 2019 – Mar 2020
<ul style="list-style-type: none">Scope of the Project includes extracting the road signs through object detection from the terrestrial imagery to minimize the manual efforts for a North American based client.Achieved the aimed hit rate which resulted in a saving of 12 FTEs.	

SKILLS

<ul style="list-style-type: none">Programming: Java, Python, R, SQL, JavaScript, C++, C, SQLWeb: Flask, Django, React JS, HTML, CSS, REST, MicroservicesDatabases: MongoDB, MySQL, PostgreSQLCloud Distributing Services: Amazon Web Services (AWS)Tools: Tableau, Linux, Git, DockerLibraries: Pandas, NumPy, Scikit-Learn, keras, TensorFlow, Pytorch, NLTK, Transformers, Matplotlib, Seaborn

ACADEMIC PROJECTS

Face Generative Adversarial Networks (GANs):
<ul style="list-style-type: none">With a little bit of noise added to training images Deep learning models can predict wrong and the funny thing is they have high confidence in these cases. GANs are remedy to this as they generate new data with key info of original data.This model generates facial images for any Researcher on any required style to train his own model using Neural Style Transfers. View Project
MERN Stack Social Media Application:
<ul style="list-style-type: none">With a little bit of noise added to training images Deep learning models can predict wrong and the funny thing is they have high confidence in these cases. GANs are remedy to this as they generate new data with key info of original data.This model generates facial images for any Researcher on any required style to train his own model using Neural Style Transfers. View Project
Traffic Signboard Classifier:
<ul style="list-style-type: none">This Application uses React and Redux for the Front End and Node.js, Express.js and MongoDB for the Back End.This Application is a social media app that allows users to post interesting events that happened in their lives. View Project
Blockchain Financial Transaction System:
<ul style="list-style-type: none">This project is an effort to give bank the ability to access a single source of information and also allows them to track all documentation and validate ownership of assets digitally, as an unalterable ledger in real time View Project

PUBLICATIONS & LEADERSHIP EXPERIENCE

<ul style="list-style-type: none">Published a research paper on Protecting banking Transactions using ‘Blockchain Technology without tokens’ in International Journal on Emerging technologies ISSN No. 0975-8364Luddy Ambassador for School of Informatics & computing, Indiana University, organize and setup sessions with graduate students help them connect with right department and answer their queries.President of Public Relations for local Student Chapter of Kalakrithi (2017) and organized key events on campus like TEDx, inter-college MUNs.Core Member of Gitam Innovation Centre under Code Crew Wing (2016-2019) conducting several events that help students to learn coding in an interactive way like blind coding, tech quiz.
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