VISHAL BHASHYAAM

Aspiring Data Scientist

Passionate about uncovering insights from data, I seek to apply my skills in machine learning and analytics to solve real-world problems and help businesses make informed decisions.

CONTACT

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- in **https://www.linkedin.com/in/vishal-bhashyaam/**
- 🌐 **Portfolio**

EDUCATION

UNIVERSITY OF ARIZONA, TUCSON,AZ

Aug 2023 - May 2025

Masters of Science in Data Science (STEM)

SRM INSTITUTE OF SCIENCE & TECHNOLOGY, CHENNAI, TAMIL NADU

July 2019 - May 2023

Bachelor of Technology in Computer Science & Engineering

AWARDS & CERTIFICATIONS

- Best Paper Award - International Research Conference on IoT, Cloud and Data Science (IRCICD'23)
- NVIDIA - Fundamentals of Deep Learning
- MSME – Ethical Hacking & Cyber Security
- Google - Fundamentals of Digital marketing

TECHNICAL SKILLS

- C, C++
- Python
- Machine learning and Deep Learning algorithms
- Computer Vision
- Natural language processing
- Data Analysis, Data Mining
- HTML, CSS, Angular, Django
- MySQL, MongoDB
- Microsoft Excel
- R - Intermediate

ACADEMIC PROJECTS

YOLOv7 - Ghost : An Object Detector For Autonomous Driving   Jan 2023 - May 2023

- Implemented Yolov7 for object detection using benchmark dataset (KITTI).
- Utilizing Yolov7-Ghost increased the speed of Yolov7 and provided more data for autonomous driving systems to take efficient decisions.
- Improved results in inference speed by 33% without compromising on the accuracy, precision and feature extraction of objects of varied sizes.
- Awarded Best paper in International Research Conference on IoT, Cloud and Data Science (IRCICD'23) for the paper titled "YOLOv7 - Ghost: An object detector for autonomous driving".

Bank Note Authentication   Nov 2023 - Dec 2023

- Developed a machine learning solution to authenticate bank notes using the UCI Bank Note Authentication dataset - achieved 96% accuracy.
- Leveraged techniques such as data cleaning, preprocessing, model selection, hyperparameter tuning, and performance evaluation. Evaluated models including Neural Networks and Bernoulli Naive Bayes.

Spotify Music Recommendation   Jan 2024 - May 2024

- Implemented a Siamese network to personalize song recommendations on Spotify, leveraging advanced clustering techniques for data preprocessing and segmentation.
- Utilized the Spotify-tracks dataset from Hugging Face to enhance model accuracy by 45% and user engagement by predicting musical preferences.

WORK EXPERIENCE

Techno Talent Inc   Dec 2022 - Feb 2023

- Employed as a Software Developer Intern to develop and test AI based product.
- Conducted proof of concept of AI capabilities of AWS services.
- Coordinated with the UI team during daily SCRUM meetings for building an AI based website.