KANISHK SHARMA

+91 9968875335 • kanishksharma701@gmail.com • linkedin.com/in/kanishksh4rma

Summary

Junior data scientist with 2+ years of experience in internship and project work. On a mission to create an A.I driven ecosystem in India.

Experience

AAIWAY INDIA   New Delhi
AI Development Intern   Oct 2020 – Feb 2021
- Built a CNN model to detect up to 14 Lungs related diseases using chest X-ray using deep learning
- Developed REST APIs and an X-ray tagging system.
- Built the entire backend using Flask. Deployed the whole project on Digital Ocean.

THE SPARKS FOUNDATION   New Delhi
Data Scientist Intern   Sept 2020 – Nov 2020

- Designed and developed customer lifetime value model to identify most profitable customers
- Monitored project schedules and prepared summary reports

Projects

Identification and Classification of Pneumonia caused by Bacteria and Virus

- Built a Convolutional Neural Network to detect pneumonia using chest x-rays images.
- Further classification is performed to predict the cause (Bacteria or Virus)
- Employed various pre-trained models for feature extraction and analyzed the performance.
- Built the backend in Flask and developed REST APIs.

Brain Tumor Detection using MRI Scans

- Designed and developed a deep learning model that can detect Brain Tumor using MRI Scans.
- Used MobileNet for feature extraction and build custom CNN for classification.
- Achieved 94.6% accuracy by hyperparameter tuning of the CNN layers.

Education

Vellore Institute of Technology, MCA   2022 – 2024
CGPA: 8.63

Vivekananda Institute of Professional Studies, BCA   2019 – 2022
CGPA: 9.2

Technologies

Languages: C, C++, Python, Java
Technologies: Machine learning, Deep learning, Web Development

Achievements & Awards

- Secured 3rd Rank among 300+ programmers in Hackathon organized by CVENT.
- Among top 10 Finalist in Hackathon organized by DPhi.

CERTIFICATIONS

- Introduction to Neural Networks and Deep Learning
  Issued by: Great Learning Academy
- Artificial Intelligence (AI) by Lancaster University
  Issued by: Accenture
- Python 101 for Data Science by IBM
  Issued by: Cognitive Class