Amitabh Shukla

Location: Bhopal, India
Date of birth: 08-09-2001

Number: +91-9685787727
harshshukla094@gmail.com

Address: near s.v.n college
Choubey colony Chhatarpur m.p.

Work experience

Feynn Lab | ML Intern (Team Lead)   *3/2023 - 5/23*
- Plan, organize, and direct tasks within the organization/company.
- Manage and conduct daily evaluations to ensure efficient operations.

Education

Oriental Institute of Science andTechnology|Bachelors in Technology   *Bhopal, M.P| 10/2021 - 07/2025*

Kendriya Vidyalaya | Schooling   *Chhatarpur, M.P*

Open Source projects

HuggingFace Spaces:- https://huggingface.co/spaces/Amitabh0809/Food_Detector
Discover my Food Detector App, a Pytorch based image classifier trained on 10,000 images across 11 food classes.

Skills

Programming Language	Python, C++
Machine Learning & Data analytics	Scikit-learn, Supervised learning, Unsupervised learning, Reinforcement learning, NumPy, Pandas.
Data visualization	Matplotlib, Seaborn, Plotly & Cufflinks, Tableau.
Deep Learning	PyTorch, Computer vision, NLP, GAN, Generative AI.
Computer vision	Vision Transformer Architecture, CNN, Torchvision, OpenCV.
NLP	Transformer Architecture, Torchtext, RNN, LSTM, GRU, HuggingFaceTransformer
GAN	Dall-E, Text to Image.
Generative AI	Langchain, Llama 2, palm-AI, OpenAI.
Web Framework	Streamlit, Django, Flask.
Database	DBMS, SQL, Vector database.
Cloud	Google cloud Platform, AWS, Gradio.
Software Development	Operating system, DSA, Software development lifecycle (S.D.L.C), OOPS, Computer Networking, COA, TOC.

Research

<u>Vision Transformer Paper Replication with PyTorch</u>
Implemented the Google Vision Transformer architecture in PyTorch, showcasing adeptness in deep learning and neural network design. Rigorously validated the model's accuracy through meticulous implementation and comprehensive testing procedures.

Projects

<u>Github</u> :- **https://github.com/AMITABHSHUKLA**

o **VidyaAI**: https://github.com/AMITABHSHUKLA/VidyaAI
In the evolving education landscape, Vidya AI stands out as a potent tool, an intelligent virtual assistant leveraging AI and NLP to enhance personalized learning experiences for students and educators.

o **<u>Document manager using OCR</u>** : https://github.com/AMITABHSHUKLA/OCR_PROJECT
Developed a text extraction project enabling users to extract text from images, store it in an accessible txt file, and preview the data with a "Show Data" button. Additionally, users can view the original image using the "Show Image" button for a comprehensive experience.

Professional Development

Deep Learning Specialization	*DeepLearning.AI*
Pytorch for Deep Learning	*Udemy*
Machine Learning A to Z	*Udemy*
Python bootcamp	*Udemy*

Extracurricular

Managing Director : E-Cell OIST Bhopal, M.P

Certificates

Google cloud big data and ml, Google cloud natural language processing, Basics of python(Infosys),100 days python bootcamp(Udemy), Introduction to audio classification with
TensorFlow (Microsoft), Translate text to speech (Microsoft), recognize and synthesize speech (Microsoft)