

Nimish VYAS
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ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks(%)
Aug, 2022 - Present	B.TECH in Computer Science	Graphic Era University Dehradun	8.0/10.0
2022	12 th , I.C.S.E	Bishop Cotton School, Shimla	84.4%
2020	10 th , I.C.S.E	Bishop Cotton School, Shimla	90%

PROJECTS

- **AI POWERED JARVIS DESKTOP ASSISTANT MODEL:** (NLP, Speech Recognition, Tkinter)
 - **Developed an AI Jarvis desktop assistant:** with real-time voice command capabilities.
 - **Implemented features for controlling music, videos, and sending emails:** through voice interactions.
 - **Enhanced user experience:** by enabling seamless task automation and management.
- **BAIL RECKONER ONLINE SYSTEM:** (Pandas,Tkinter,Scikit-Learn,Kaggle,NL)
 - **Developed AI-driven tool:**for crime classification based on IPC sections.
 - **Applied NLTK:**for text preprocessing and TF-IDF with scikit-learn for vectorization.
 - **Designed an interactive Tkinter GUI:** for easy user input and results display.
- **HAND WRITTEN CHARACTER RECOGNITION USING CNN** (Supervised Learning,Img Processing):
 - **Developed:** Convolutional Neural Network model to accurately recognize handwritten characters.
 - **Preprocessed:** image datasets for training, enhancing recognition accuracy and model performance.
 - **Achieved:** high accuracy through model optimization, including and using data augmentation.

INDUSTRIAL TRAINING

- Decathlon Project Based Internship(EPF PARIS)
- Patent Work On Use Of Cyclodextrin NanoTechnology For Ophthalmic Drug Delivery (EPF Paris)

PRACTICE PROJECTS

- Green Move Electric Car Project(EPF PARIS)
- Data Processing Flight Delay Analysis(EPF PARIS)

TECHNICAL SKILLS

- **Languages:** C++ (Proficient), Java, C, Python, HTML, CSS, SQL
- **Tools:** Microsoft (Excel, PowerPoint), Google (Palm, Herd), DALLE, Git, GitHub, Canva, VS Code
- **Other Frameworks:** Bootstrap, Flask, Numpy, React, Node.js, OpenCV,Google Collab
- **Machine Learning Tools:** TensorFlow, scikit-learn, Kaggle, Google Scholar, NLP, LLM

SCHOLASTIC ACHIEVEMENTS

- **Smart India Hackathon:** Participated and shortlisted for the National Round under the problem statement Bail Reckoner Online System accessible to judiciary authorities for undertrial prisoners.
- **Went For A Semester Exchange Program Abroad Paris:** Shortlisted to represent college for a semester exchange program for studying the 4th semester in EPF Engineering School Paris,France.
- **Bayliss Colours:** Award Achieved for Excellence in Debates and Public Speaking.
- **Best Technical Researcher Award:** Achieved for presenting unique ideas to be implemented using various versions of Machine Learning Techniques.