Deepak Kumar

LinkedIn — Github

Email : deepakdk2431@gmail.com

Mobile : +91-763-294-1950

Education

- **Yeshwantrao Chavan College of Engineering** — Nagpur
  B.E in Information Technology; CGPA: 8.52/10 — *Expected 2021*

Programming Skills

- **Languages**: C/C++, Python, JavaScript(novice)
- **Libraries**: Tensorflow, Pytorch, Keras, Numpy, Scikit-learn, Pandas, OpenCV
- **Others**: Machine Learning, Deep Learning, Frontend Development

Experience

- **KDE-GCompris** — Remote
  Google Summer of Code — *May 2020 - Present*
  - Working on the implementation of multiple datasets to about 11 activities.
- **KDE-GCompris** — Remote
  Student of KDE — *January 2020 - February 2020*
  - Implemented multiple datasets design to 5 activities.
  - Worked on some code refactoring tasks, fixing typos and adding additional features to some of the activities.
- **CircuitVerse** — Remote
  Google Code In Mentor — *December 2019 - January 2020*
  - Mentored over 100 high-school students by creating engaging tasks that helped to developed interest and solve challenging issues by contributing to the organization.
- **Bizlers Technologies** — Remote
  Junior AI Consultant — *May 2019 - Present*
  - Implemented auto-completion suggester using elastic search for android application.
  - Trained a deep learning model over 4k+ images with 70 percent+ accuracy to recognise the license plate of a car.

Projects

- **Android Malware Detection through APIs used:** Undertook a comparative study of potential classification tools on the problem of classification of Android Apps as Malicious/Non-Malicious by multiple benchmark datasets. Performed STATIC ANALYSIS of 500+ APKs to detect malware using APIs. Implemented a machine learning model with 60 percent+ accuracy to classify APKs as benign/malware.
- **Reddit Flare Detector:** Implemented a machine learning model with an accuracy of 0.73 on the Reddit Datasets to predict flare of 11 different kind of posts. Scrapped the data using the PRAW library. Deployed the model as Web App on Heroku.
- **Image Caption Generator:** Used Keras (Python) to develop a model on FLICKR Dataset to generate caption of given images. Obtained accuracy of 35 percent+ on test data.
- **Facial Expression Recognition using CNN:** Used Keras (Python) to implement a facial expression recognition system using deep learning. Implemented a Convolution Neural Networks to achieve 90 percent accuracy on test data.
- **Blog Web App** Developed an Web App using Django. Implemented user-authentication features (login/logout). Also added features to create a profile, post a blog, delete and update the post. Deployed the Web App on Heroku.

Additional Experience AND Achievements

- Won 2nd prize among top 10 teams at Innovation Management Leadership Programme(IMLEAP) organized by **Siemens Healthineers.**
- Achieved rank 3999 in **Google Hash Code 2019.**
- Selected as a member for **Innovation Student Council** at Yeshwantrao Chavan College of Engineering based on high-achieving and technically strong undergraduate students.
- Elected as a **Secretary** for ITECHROOTS 10.0 at Yeshwantrao Chavan College of Engineering.