

DEEPAK KUMAR

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EDUCATION

Yeshwantrao Chavan College of Engineering

B.E in Information Technology, GPA: 8.52/10

Nagpur

Expected 2021

- MOOCs: React.js and React Native by Frontend Masters, Web Development Specialization and Deep Learning Specialization by Coursera

EXPERIENCE

Canvasbird (Open source)

Co-Founder

July 2020 - Present

- Developed an interactive web board for the teachers with features to upload notes, use different pen tools and, the paper board for explaining any concept.
- Working to develop an artificial intelligence-based android app for conducting live classes and manage student records.

KDE

Google Summer of Code Student

May 2020 - August 2020

- Worked on the GCompris project to implement multiple datasets design to 11 of the GCompris activities.
- Fixed bugs, refactored code, and added few new features to some of the activities.

KDE

Student of KDE

January 2020 - February 2020

- Implemented multiple datasets design to 5 GCompris activities.
- Worked on some code refactoring tasks, fixing typos, and adding additional features to some of the activities.

CircuitVerse

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.

Yeshwantrao Chavan College of Engineering

Programming Club Lead Member

August 2019 - Present

- Took lectures on different data structures and algorithms concepts.
- Organized workshops on Web Development, Google Assistant, and other various technical skills.

PROJECTS

Reddit Flare Detector

April 2020

- Developed a web app using Flask to predict flare of the input URL.
- Deployed a machine learning model in the backend with an accuracy of 0.73 on the Reddit Datasets to predict a flare of 11 different kinds of posts. Scrapped the data for the model using the PRAW library.

Android Malware Detection through APIs

December 2019

- Undertook a comparative study of potential classification tools on the problem of classification of Android Apps as Malicious/Non-Malicious by multiple benchmark datasets.
- Implemented a machine learning model with 60 percent+ accuracy to classify as benign/malware by performing static analysis of 500+ APKs.

Blog Web App

June 2019

- Developed a 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.

ADDITIONAL EXPERIENCE AND ACHIEVEMENTS

- Selected as a research intern summer internship student at IIIT Delhi.
- Won 2nd prize among top 10 teams at Innovation Management Leadership Program (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.

TECHNICAL SKILLS

- Programming Skills: C/C++ (Intermediate), Python(Intermediate), JavaScript(Intermediate)
- Others: React.js, React Native, Django, Flask, Git, Machine Learning