Vinod Jatav

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Roll Number: IIITU16110
B.Tech - Computer Science and Engineering
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Education

Year	Degree/Certificate	Institute / Board	CGPA/Percentage
2016-2020	B.Tech	Indian Institute of Information Technology, Una	6.8 (Current)
2015	Senior Secondary	MP Board	90.8%
2013	Secondary	MP Board	83.5%

Experience

- **Summer Internship on Artificial Intelligence and Deep Learning**   May 2019 - July 2019
  Develop Android Application to identify the Birds using ResNet50   *https://www.bennett.edu.in/*
  for safety purpose (to avoid collision between aircraft and bird) work on transfer learning, Tensor Flow, Keras.

- **Intern as Mobile Application Developer**   July 2019 - Sept 2019
  Worked on Girls talk app and e-commerce app, Girls Talk is a social   *http://werpindia.org/*
  networking app professionally design for empowering girls and Women in India and globally. This app is not working properly so I fix some of its bugs and add some functionality in it and also design login and signup page for E-commerce app using Firebase.

Projects

weAsk   May 2019 - Present

A Question and Answer portal for students regarding their small issues when they join a new college. Well everyone face some problems, and there are those who has experience to such issues. They can guide and help their juniors. And thus making it easy for adjusting in new environment.

- **Technology/Tools:** HTML, CSS, JavaScript, NodeJS, MongoDB, Bootstrap
- **Link**: *https://github.com/vinodjatav/weAsk*
- **Site:** *https://weask.herokuapp.com*

Bird Identification from Minimal Sample   May 2019 - July 2019

Develop android application to identify the birds for safety of aircraft (To avoid the collision between aircraft and bird). Train a model using ResNet50 and save that model into HDF5 file and convert it into tflite file so that I can directly use this tflite file in android app.

- **Technology/Tools:** Tensor Flow, Keras, Google Colab, ResNet50, MobileNetV2, Android Studio
- **Source Code***: https://github.com/vinodjatav/Bird-Identification-using-ResNet50*

Chatting App   Nov 2018

Chatting App is design using Firebase database, Using Firebase user can login with email id and password can chat with his friend.

- **Technology/Tools:** Firebase, Java, Android Studio
- **Source Code:** *https://github.com/vinodjatav/Chatting-App*

Currency Identification system   May 2019 - Jul 2019

Currency Identification system is an android app that can help for blind person to identify currency.

- **Technology/Tools:** Tensor Flow, Keras, tflite, google colab, MobileNetV2
- **Link:** *https://github.com/vinodjatav/Currency-Identification-system*

Technical Skills

- **Programming Technology:** C/C++
- **Web Technologies:** HTML, CSS, JavaScript
- **Database Management:** MySQL
- **Miscellaneous:** Android App Development
- **Operating System:** Windows, Linux

Key Courses Taken

- Algorithm And Data Structure
- Objected Oriented Programming
- Fundamentals of deep learning for computer vision by NVidia deep learning institute
- Machine Learning
- Android Development

Extracurricular

- **AI workshop:** Workshop on Artificial Intelligence and Deep Learning held at Bennett University.
- **MATLAB and Computer Vision Workshop:** Participated in MATLAB and Computer Vision Workshop at IIIT Una on 16th - 17th March.
- **Ethical Hacking Workshop:** Participated in Ethical Hacking Workshop conducted by i3indya Technologies at NIT Hamirpur on 1st - 2nd Oct 2016.