Vishwas Mehra

AI and Machine Learning enthusiast. Quench for always learning and acquiring knowledge, from all of the surroundings. Passionate and driven about innovation, implementing ideas and always up to learn new skills and master them.

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EXPERIENCE

Guru-Shishya, Dehradun- Freelancer Project

July 2018 – PRESENT

We are working for a client to setup his coaching startup, setting up website, designing UI/UX for startup, developing online test model, chat bot and maintenance.

IIRS(ISRO), Dehradun- Summer Trainee

June 2018- July 2018

Worked on crack detection on point cloud data of cultural heritage sites using cloud compare and different image analysis techniques. Used python, opencv, computer vision, c& C++.

AcadView, Delhi — *Summer Intern in Android*

May 2018- June 2018

Developed some Android projects for e-learning purpose to provide skill training to students on their respective expertise. As a Subject matter expert the goal is to provide with solid knowledge of fundamentals and concepts.

AI Saturdays, Dehradun — *City Ambassador (Representative)*

January 2018- PRESENT

It's an International community known as Nurture.ai whose main aim to provide AI education accessible to everyone and anyone throughout the world. Our job as Ambassadors is to organize meetups, teach and learn as a group about the fundamentals of AI and Ml.

EDUCATION

DIT University, Dehradun — *Bachelor Of Technology*

August 2015 – PRESENT

Pursuing Bachelor's in the field of Information Technology. Current CGPA

till 6th Semester: 6.80

St. Jude's School, Dehradun — *10th*

April 2012 – May 2013

Passed high school with 86% aggregate.

St. Jude's School, Dehradun – *12th*

April 2014 - May 2015 - Passed my Intermediate with 80% aggregate

SKILLS

Software Skills:

Python (Pandas, Numpy, Django, IPython, sklearn, scipy), Java, C & C++ (STL), Machine Learning, Linux, Android Development, HTML, CSS, Bootstrap, JavaScript, mysql, mongodb, SQLite, Tensorflow.

OTHER PORTFOLIOS

https://github.com/vishwasmehra

https://www.linkedin.com/in/vishwas-mehra-a5615a121/

LANGUAGES

English, Hindi.

ACCOMPLISHMENTS

- Won 1st place out of 180 students participated in Coder's Bit contest Conducted by Interview Bit in DIT University.
- Qualified the qualifications round of Google Code Jam.
- Organized quiz at DIT University on National Science Day, 2017.
- Participated in Inter-house basketball competition at school enthusiastically.
- Selected for MIT Bootcamps to be held in Japan, Tokyo on March 2019. It's a technology and Innovative Bootcamp.

PROJECTS

(i) Lung Cancer Detection Using Image Processing

September 2018 – PRESENT

The project is based on analyzing CT scan images of certain patients to determine patients have cancer or not based on some training data available. We analyze certain images using Image Processing and extracting features for cancer, then using Machine Learning to build models that predict our accuracy. Tools used are Python, Image Processing Algorithms, OpenCV, Computer Vision.

(ii) Online Test Series

August 2018 – September 2018

Developed an online test series portal for a client as a freelancer project for his education startup. This project was built by keeping in mind the basic UI/UX design that will be an easy interface to give test on.

Tools used are JavaScript, HTML, CSS, Bootstrap, AJAX, PHP.

(iii) Django based website for renting cars and Bikes

February 2018 – April 2018.

Based on Python web framework Django, HTML, CSS and JavaScript. The main objective was to develop a website portal for users to provide easy rental services all over India.

(iv) Predicting Diabetes Using Linear Regression

February 2018 – March 2018.

As a part of my personal project I learned ml and used it in predicting the amount to people who are likely to have diabetes than others using Linear Regression technique.

(v) Change Detection in Point Cloud Data

June 2018 – July 2018.

Used Python and OpenCV to detect difference in point cloud data of a building using mean, standard deviation and other statistical techniques to accurately find the difference between two-point cloud data. Also used Computer Vision for proper analysis of data.
Tools used are Python, Computer Vision, Image Processing, OpenCV.

CO-CURRICULAR ACTIVITIES

- A member of Technical Committee of Youthopia2K17, DIT (Cultural & Technical Festival).
- Core technical team member of GSC (Google Student Committee, DIT University).
- Coding Challenges on Hacker rank, Hacker earth and Code chef.
- Coursera Machine Learning course by Andrew Ng.
- Open Source contributions to WordPress, Hacktoberfest contributor for straight two years.
- All projects are open source and available on Github.

HOBBIES

My hobbies include playing Guitar, and dancing apart from playing outdoor games like Cricket and Basketball.