VARUN VAIBHAV JHA

Pre-Final Year Student

I am in the 3rd year of my college now and I wish to utilize my potential in working on the developing fields and other advancements in the field of technology, thereby adding up to the reputation of the organization. I believe that I am good in time management, adaptability, self-motivation and I have the ability to work under pressure.

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EDUCATION

B. Tech in Computer Science and Engineering with Specialization in Artificial Intelligence and Machine Learning
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

06/2018 - Present   *9.37*

ISC - 12th
DBMS ENGLISH SCHOOL

2016 - 2018   *90.75%*

ICSE - 10th
DBMS ENGLISH SCHOOL

2003 - 2016   *94.80%*

WORK EXPERIENCE

Data Science and Business Analytics Intern
The Sparks Foundation

10/2020 - 10/2020
https://github.com/varunvjha/TheSparksFoundationTasks

Achievements/Tasks
- Decision Tree
- K-Means Clustering
- Linear Regression

Application and Chatbot Developer Intern
The Amigo Project

02/2021 - 04/2021

Achievements/Tasks
- Developed chatbot using Rasa OpenSource framework

Research and Development Intern - PRISM
Samsung Electronics

04/2021 - Present

Achievements/Tasks
- Implementing a Model free Reinforcement Learning Problem using QLLib
- Implementing Explainability Algorithm: Explainability through Causal Lens and Developing a PC side offline Explainability Analysis Tool

OPEN SOURCE CONTRIBUTIONS

Contributor's Hack (08/2020 - 10/2020)
Contributing to a Malaria Detection Web Application developed using HTML, CSS, Bootstrap, Tensorflow, Keras and Flask

Build With LetsUpgrade (07/2020 - 09/2020)
Contributing to "Footstep App", an android app to help guide blind people in walking and to navigate through the crowd better

Oppia Android (01/2021 - Present)
Done significant contributions to Oppia's Android Application

SKILLS

Java Python C++ Kotlin Machine Learning Android App Development UI & UX Design Git Data Science Cloud Basics

PROJECTS

Sentiment Analysis
- This demonstrates the use of Natural Language Processing on a set of Customer Reviews on Amazon
- The model can give the positive or negative score depending on the Sentiment of the customer review

NoteSpace
- This was a Notes App implemented using Android Architecture Components such as LiveData, ViewModel and RoomDB.
- In this app, user's notes can be stored in an ascending order and it had the functionalities on inserting and deleting notes and the changes made in the app is directly reflected in the Database and the changes will be visible even after the app is re-run.

NewsDaily
- A News App built which fetches, with the help of API calls using Volley Library, different News Headlines based on user's choice and displays them with infinite scrolling Recycler View in Android.
- The app can open up it's own browser tab within the app itself to display the whole news article at the same place.

ACHIEVEMENTS

3rd Place at HackYuva 36 Hours Online Hackathon

Top-15 at HackThisFall 24 Hours Virtual Hackathon

HackerRank Java(Basic) Skill Certification

CodeChef- 3 Stars, Rating - 1763

HackerRank Java Language Proficiency - 5 Stars

HackerRank Python Language Proficiency - 5 Stars

INTERESTS

Programming Cricket Football Open Source Travelling Music