VRISHTI JAIN

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EDUCATION

- **Rensselaer Polytechnic Institute, Troy New York** *Dec 2020*
  Master of Science in Information Technology(IT), GPA: 3.94/4.0
- **Shri Govindram Seksaria Institute of Technology & Science(SGSITS), Indore, India** *May 2019*
  Bachelor of Engineering in Computer Science & Engineering

TECHNICAL SKILLS

- **Programming:** C, Python, Java , Bash, R
- **Web Technologies:** JavaScript, HTML, CSS, JSP, Servlet, Ajax, JQuery,ReactJs, Angular, Flask
- **Database:** MySQL,Postgresql MongoDB, XML, JSON
- **Machine Learning :** Pandas, Numpy, NLTK, Scikit-learn, TensorFLow, Keras , Matplotlib, Seaborn, ggplot
- **Tools:** Eclipse, NetBeans, Turbo C, Git, Visual Studio, Jupyter Notebook, Postman, Intellij, R Studio, Latex, Argo UML, Anaconda

RELEVANT EXPERIENCE

Developer and Client Liaison,| Johnson Johnson **Spring'20**
- Worked on Workflow management system in the supply chain which can automate the process and provide the tool for data reporting and visualization using Microsoft Power Apps and Sheets for easy integration with the existing system.

Graduate Teaching Assistant, RPI **Aug'19-Present**
- Introduction to Computer Science Course (CSCI 1100) Fall(19-20)
- Application programming using Java(CSCI 4963) Summer'20
- General Psychology Spring'20

SELECTED ACADEMIC PROJECTS

Workflow Management System, Johnson and Johnson **Spring'20**
- Collaborated with a team of 5 to develop workflow system which could automate the NPD supplier chain selection using Microsoft Power Apps and Sheets to design the system.

Youtube Comment Analysis **Summer'20**
- Build an web application using ReactJs, Bootstrap and Flask server with ML models to preodct sentiment score. Used TextBlob for labelling and CounVectorize for feature extraction.

Amazon.com - Employee Access Challenge **Spring'20**
- Achieved roc_auc score of 86 % with Logistic regression to predict whether employee access to particular resource. Performed EDA, encoding and feature selection to with respect to Extra tree classifier, Logistic regression and Cat boost classifier(python).

Television Viewership prediction using Tweets **Spring'19**
- Achieved training accuracy R2 score of 90.1 % with Random Forest to predict viewership. Created Dashboard using angular to fetch live tweets. With python scripts, implemented and displayed results of preprocessing and sentiment score.

Sleep Data Analysis and Prediction in R **Fall'19**
- Achieved accuracy of 59.99 % using Tree based model for predicting the Sleep quality. Performed EDA, data cleaning collected by the App and draw valuable insights for the user to make effective decision about sleeping pattern.

Improving Usability of the Late Add/ Drop form of RPI **Fall'19**
- Presented solutions to improve usability of RPI- Add/Drop form by leading a team of 5 to do usability testing.

Get Placed **Fall'17**
- Build an online portal for students to apply in the various eligible job opening posted by various companies using JSP, Servlets and SQL for back end.

School Management System **Fall'17**
- Developed Web application using JSP, Servlets, and SQl to provide an organized and systematic platform for administering school data in a centralised way.

CERTIFICATIONS

- Front-End Web Development with React With Honors, Coursera Aug'20
- Neural Networks and Deep Learning,deeplearning.ai, Coursera Jun'20
- AngularJS:Beginner's Guide to Front End Web Development on Udemy Jan'20
- Applied Text Mining in Python, University of Michigan Feb'19

RELEVANT COURSEWORK

Data Mining, Data Structures, Database Management System, Algorithms, Software Development, Operating System.

LEADERSHIP AND INVOLVEMENTS

- Member of Gamma Nu Eta, IT Honor Society RPI
- Participated in Smart India Hackathon 2018 organised by Government of India.
- Participated in a 36-hour wall painting competition organized by club Pratibimb