

# VRISHTI JAIN

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## EDUCATION

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### **Rensselaer Polytechnic Institute**

*August 2019 - December 2020*

#### **Masters of Science - Information Technology CGPA: 3.92/4.0**

Courses in Progress: IT Web Sciences Capstone, XInformatics, Introduction to Machine Learning Applications

Courses Completed: Data Mining, Data Analytics, Foundations Of HCI Usability, Business Issues For Engineers and Scientists

### **SGSITS India - Computer Science**

*August 2015 - May 2019*

#### **Bachelor of Engineering**

Computer Science CGPA: 7.88/10 (3.8/4)

Courses Completed: Data Science, Data Structures, Database Management System, Design and Analysis of algorithms, Information and Network Security, Object Oriented programming

## TECHNICAL STRENGTHS

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Operating Systems	Windows, Linux (Ubuntu)
Programming Skills	Python, C, Core Java, Advanced Java, SQL, MongoDB(basic)
Web Designing	HTML, CSS, Advanced Javascript, Angular, JQuery, Ajax, JSP
Software Skills	Netbeans, Argo Uml, Creately, Turbo C++, MySql, Github, Latex

## PROJECTS

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**Workflow Management System- Capstone Johnson and Johnson** Spring 2020, RPI  
Working as an Application Developer and Client Liaison.

Responsible for scheduling meetings with the client and the team, establishing communication channels.

Working on Workflow management system in the supply chain (internal software) which can automate the process and provide the tool for data reporting and visualization.

• [https://github.com/vrishtijain/Analysis\\_of\\_sleep\\_data](https://github.com/vrishtijain/Analysis_of_sleep_data)

### **Analysis of Sleep Data**

Fall 2019, RPI

Exploratory Data Analysis and Model selection and building for Sleep Data collected by Sleep Cycle iOS app from kaggle. Achieved accuracy of 59.99 % using Tree based model for predicting the Sleep quality. Cleaning of Data collected by the App and drawing valuable insights for the user to make effective decision about sleeping pattern.

• [https://github.com/vrishtijain/Analysis\\_of\\_sleep\\_data](https://github.com/vrishtijain/Analysis_of_sleep_data)

### **Television Viewership prediction using Tweets**

July 2018 - May 2019

*Prof. D A Mehta*

*CSE, SGSITS, Indore*

To improve marketing and advertisement content and to visualize trends (python) with respect to historical viewership information and predict future viewership based on extracting features from tweets by applying opinion mining.

July-December: Requirement gathering and refining software requirements specification(SRS)document

February-May: Iterative Implementation of the project, testing various cases and debugging

• <https://github.com/vrishtijain/TV-Viewership-Prediction>

### **Improving Usability of the Late Add/ Drop form of RPI**

Fall 2019, RPI

Worked on identifying usability problems with the current form, build prototype iteratively with user feedback and tested them to create a more usable version of the form.

• [https://github.com/vrishtijain/Improving\\_Usability\\_LateAddDrop\\_Form](https://github.com/vrishtijain/Improving_Usability_LateAddDrop_Form)

**Get Placed**

July 2017 - September 2017

*Mrs. Jyoti Gautam**CSE, SGSITS, Indore*

Developed a web application(java) Providing various facilities like handling student data, company information, application processing of eligible students.

· <https://github.com/vrishtijain/Get-Placed>

**School Management System**

July 2017 - September 2017

*Ms. Neha Mehra**CSE, SGSITS, Indore*

Developed an application(java) to organized and systematic platform for administering data of students, teachers, courses and classes, examination.

· <https://github.com/vrishtijain/School-Data-Management-System>

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**EXPERIENCE****Graduate Teaching Assistant**

January'20 - Present

*Rensselaer Polytechnic Institute, Troy US*

TA in Cognitive Science department for General Psychology

· Supervising 2 sections of 200+ students during Spring 2020. To assist the professor during his lectures and grade the exams of the students enrolled in the course.

**Graduate Teaching Assistant**

August' 19 - December 2020

*Rensselaer Polytechnic Institute, Troy US*

TA in Computer Science 1 emphasizing computational thinking, problem-solving in Python. Responsible for Lab sections, hold doubt solving sessions, grading assignments of students.

**Teaching Assistant**

Dec'18 - Jan'19

*Swati Jain Academy, Indore*

Responsible for taking classes of pgdca to teach Programming in C.

**Coordinator**

2016 - 2017

*SGSITS Robotics Club*

Responsible for organising introductory workshops for freshers with the team

**Volunteer**

2016

*SGSITS Pratibimb Club- Arts and Photography Club*

pursuing city Sponsors with team to fund state level events by the club

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**CERTIFICATION**

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| • AWS Fundamentals: Going Cloud-Native, Amazon Web Services               | Feb'20  |
| • Learning REST APIs on LinkedIn  | Feb'20  |
| • AngularJS:Beginner's Guide to Front End Web Development on Udemy        | Jan'20  |
| • Applied Text Mining in Python, University of Michigan                   | Feb'19  |
| • Introduction to User Experience Design, Georgia Institute of Technology | Feb'19  |
| • 30 Days of Python on Udemy by Justin Mitchel                            | Dec' 18 |

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**LEADERSHIP AND INVOLVEMENTS**

- Participated in Smart India Hackathon 2018 organised by Government of India.
- Participated in SCAM( Selling, Convincing and marketing) a city level competition for testing Business Skills.
- Participated in Graffathon, a 36-hour wall painting competition organized by club Pratibimb of institute.