

## EDUCATION

- Rutgers, The State University of New Jersey**

**New Brunswick, NJ**

**Master of Science in Computer Science**

Expected: September 2021 - May 2023

**Relevant Coursework:** Mathematical Foundation for Data Science,  
Database Systems for Data Science, Brain-Inspired Computing(ongoing),  
Intro. To Artificial Intelligence(ongoing), Data Interaction & Visual Analytics(ongoing)

Current GPA: 3.33

- SRM Institute of Science and Technology**

**KTR, Chennai, India**

**Bachelor of Technology in Computer Science and Technology**

June 2017 - June 2021

**Relevant Coursework:** Data Science and Big Data Analytics, Machine Learning,  
Cloud Computing, Artificial Intelligence, Database Management Systems, Data Structures.

Percentage: 90.55%

## RELATED EXPERIENCE

**Takenmind**

**Raipur, India**

*Intern - Data Analytics and Visualization*

June 2020 - July 2020

- Learned different Data Analytics and Visualization techniques using Python Programming Language.
- Created a project on "Employee Attrition" which analyzes the factors contributing to employees leaving the company and predicts, with accuracy 0.77, whether the employee would leave the company or not.

**Goel TMT**

**Raipur, India**

*Intern Developer*

June 2019 - July 2019

- Studied the working of Enterprise Resource Planning Software used by companies to manage different department resources.
- Created an interface on ERP to take customer complaints and provide necessary solutions.

## RESEARCH WORK AND ACADEMIC PROJECTS

**A Comprehensive Study on Mental Health Problems caused by Online Social Networks Using Data Mining.**

- Co-authored the research paper published in EAI Springer Lecture Notes Journal.
- Reviewed 11 research works done in the detection of mental health problems induced by online social networks using data mining.

**Detection of Social Network Mental Disorder using Data Mining.**

- Detected the Big-5 Personality Traits present in the 9981 Social Media Status of users.
- Found out the best ML Model to detect these traits and validated using 10-fold Cross-validation giving 98.66% accuracy, 99% precision & 98.76% recall.

**Car Accident Severity Prediction**

- Found out the factors that contributed to causing car accidents using the data from Seattle Open GeoData Portal.
- Implemented Machine Learning Models to predict the severity of the collisions on a dataset with 194,673 rows and 37 independent columns.

**Sentiment Analysis on Amazon Product Reviews.**

- Led a team of 3 to extract various emotions present in the reviews of an Amazon product using R language.
- Applied Natural Language Processing and visually represented the most frequently appearing words and the associated emotions.

**Game Review Analysis and Psychological Impact on Gamers (Ongoing)**

- Leading a team of 2 to analyse the factors that gamers like and dislike about the game from the reviews using NLP.
- Understand the factors that cause psychological impact on gamers using various data visualization techniques and make a UI for the same.

## CERTIFICATIONS AND TECHNICAL SKILLS

- Certifications:** Microsoft Technology Associate, IBM Data Science Specialization - Coursera.
- Programming Languages:** Python, C++, R, Javascript.
- Operating System:** Windows, Mac.
- Databases:** MySQL, PHPmyadmin, AWS Redshift, MongoDB.
- Web Technologies:** HTML, CSS, Javascript, PHP, JSP, XML/XSTL, Servlets, JDBC.

## EXTRA-CURRICULAR ACTIVITIES

- Volunteered for Team Yuddhame at Aaruush National-level Techno-Management Fest.
- Attended a 2-day workshop by Technobytes at Indian Institute of Technology-Madras on Data Science.