Shweta Rawat

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Profile

I am Shweta Rawat, 3rd year Computer Science student with Specialization in Business Analytics and Optimization ,passionate about Data Analytics, Machine Learning and learning new trends and technologies in Data Science. Looking ahead to get into Analytics and apply my skills to solve real world problems.

ACADEMIC BACKGROUND

Year(s)	Qualification – Degree / Diploma / Certificate	Board/University	College / Institute/ University	Percentage / CGPA
2014	10th	CBSE	MKVN	9.4
2016	12th	CBSE	MKVN	9.2
2018	2nd year	UPES	UPES	8.2

TRAININGS & PROJECTS UNDERTAKEN

Institution: Internity foundation
Duration: 2 months
Project Title: Predicting Probability of lending loan using Machine Learning
Mentor: Mr Piyush Agarwal
Description: Based on the previous data of customers (around 8lacs) and their loan status ,classify the new customers as defaulters or non defaulters, basically known as 'underwriting' in bank. I used GradientBoostingClassifier to train my model and then found insights based on my observations.

Other Projects

Project Title: Highly secure system
Mentor: Dr Deepak Sharma
Description: A highly secure system using python and AES algorithm incorporating encryption/ decryption and database techniques. The project proposed a more secure way to store one's private data inside a database by first encrypting it and decrypting it while using.

Project Title: Baggage AI
Mentor: Self motivated
Description: Replacing the object detection mechanisms used in security checks at Airport or metro stations with object recognition technique so that machine can recognize the things as they pass though the roller. This

will greatly help security systems to distinguish among real and fake objects like a real and a toy gun.

Ongoing research:
Signal Analysis and GSR.

Skills and Interests:

1. Machine Learning
2. Deep Learning
3. Python and C

SKILLS (Professional & Technical)

- **Softwares** : **R studio, SQL,Github,Trello, MS Excel, Zoom.**
- **Languages** : **Python, C.**
- **Operating Systems** : **Windows, Linux(Ubuntu).**

Awards/Certifications

- **Winner of Creatathon 2019 (Hackathon organised by Internity foundation).**
- **Awarded with 'Challenge Acceptor' title at internship at Internity Foundation.**
- **General Secretary at NSS.**
- **Discipline Committee member at UPES.**
- **Infrastructure head at RISE UPES.**
- **Management head at NSS UPES.**
- **Runner up in Intra mural Volley Ball competition.**