

Rayvant Sahni

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EDUCATION

UPES

B.TECH IN COMPUTER SCIENCE

ENGINEERING

Specialization in Big Data

2017 - 2021 | Dehradun, India

CGPA: 7.51

MODERN SCHOOL,
BARAKHAMBA ROAD

Grad. May 2017 | New Delhi, India

LINKS

LinkedIn: rayvant-sahni

GitHub: rayvantsahni

SKILLS

LANGUAGES

Proficient:

- Python • Java • SQL

Familiar:

- C++

TOOLS AND TECHNOLOGIES

Proficient:

- Apache Spark • Hadoop MapReduce • Sqoop
- Apache Kafka • MySQL • Microsoft Azure
- Data Structures • Algorithms

Familiar:

- Hive • AWS • PostgreSQL • Machine Learning

CERTIFICATIONS

Microsoft: Azure Developer Associate (AZ-204)

IBM: Big Data Foundations - Level 1, 2

IBM: Hadoop Foundations - Level 1

IBM: Python for Data Science

IBM: Spark - Level 1

IBM: Machine Learning with Python - Level 1

Qwiklabs: Big Data on AWS

EXTRA-CURRICULAR

- Editorial Head

Smart Analyzers - The Data Science Society

- Editorial Head

ThinkBig Data Community

- Python Sessions

Taught Python Programming Language during the Covid-19 lockdown period

- Football

International Level Football Player

EXPERIENCE

C1X | SOFTWARE ENGINEER

Apr 2021 - Present | New Delhi, India

- Worked with a dedicated team from Nike to automate and ensure compliance within their Data Lake, through the Data Compliance Utility (DCU).
- Developed various Python/Bash scripts to enhance automation throughout the system.

HANU SOFTWARE | CLOUD ENGINEER TRAINEE

Jan 2021 - Mar 2021 | New Delhi, India

- Trained on the cloud computing service - Microsoft Azure, while experimenting with several cloud native services, and successfully completed the AZ-204 Certification as a part of the training.

AWC SOFTWARE | MACHINE LEARNING INTERN

May 2020 - Jun 2020 | New Delhi, India

- Worked on several Machine Learning projects.

REGEX SOFTWARE SERVICES | DATA SCIENCE INTERN AND TRAINEE

Apr 2020 - Jun 2020 | New Delhi, India

- Completed a 75 days training in Python with specialization in Data Science.
- It included concepts of Linux, OOPS in Python, Web Scraping.
- Trained on tools like Hadoop and Spark.

PROJECTS

DOON TOUR OPTIMIZER

Sep 2019 - Nov 2019

Created a tool for the tourists who visit the city of Dehradun which provides them the **shortest possible route** they should follow to visit maximum number of places (inspired from the Travelling Salesman Problem).

CLOTHING BRANDS RECOMMENDATION SYSTEM

Feb 2020 - May 2020

Providing users with **recommendations of 'Brands'** that they are likely to prefer over others for apparels, based on the the actions of **similar users**.

SENTIMENTAL ANALYSIS OF AMAZON PRODUCT REVIEWS

May 2020 - Jun 2020

- Designed a **web crawler** to scrape reviews obtained by a certain product chosen by the user from the **Amazon website**.
- Performed **sentimental analysis** on those reviews to help the user better decide whether to buy that product or not.

COVID-19

May 2020 - Jun 2020

- Analysis of the situation of **Covid-19** in India state-wise.
- **Live stats** concerning the Covid-19 all across the world and for any country in particular as well.

TEXT CLASSIFYING ENGINE

Sep 2020 - Nov 2020

- Compared 4 Machine Learning Models for a comparative study to use for the project.
- Made a **text classifier** to detect the particular **genre** a specific article or blog belongs to using the best model chosen during the comparative study.