

# Raghav Kandpal

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A creative individual, with a drive to tackle challenges in an effective manner, while working with a competitive team and in a challenging environment.

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## Skills

- **Data Science & Analytics**- Data Visualization, Feature Engineering, Critical Thinking, Statistics
- **Machine Learning**- Predictive Modeling, Supervised & Unsupervised Learning Algorithms, Neural Networks, Natural Language Processing
- **Relational Databases**- MySQL, MongoDB
- **Programming Languages**- Python, Java
- **Web Technologies**- Node.js, Express, HTML, CSS
- **Soft Skills**- English Proficiency, Public Speaking, Creative Writing, Communication

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## Education

Bachelor of Technology, Computer Engineering  
**College of Technology, G.B.P.U.A.&T. Pantnagar**  
(2016-2020)

XII (Senior Secondary), Science  
**Gurukul International School, Haldwani (CBSE, New Delhi)**  
Year of Completion: 2016  
Aggregate: 89.8%

X (Secondary)  
**Gurukul International School, Haldwani (CBSE, New Delhi)**  
Year of Completion: 2014  
CGPA: 10.00/10

### Software Skills –

- **Data Analytics & Machine Learning**- Jupyter Notebook, Kaggle Kernels, GitHub
- **Web Technologies**- Visual Studio Code, Git
- **Other Software**- Adobe Photoshop, Microsoft Office

### Internship Details –

**Summer Intern, Bharat Heavy Electricals Limited (Haridwar)**  
(11<sup>th</sup> June 2019 – 10<sup>th</sup> July 2019)

Developed an online ticket booking system using Node.js and MongoDB. This gave the firm a solution to maintain digital records of all travels made by their employees with proper authentication and security.

## Project Work –

### Twitter Sentiment Analysis

Technologies Used: Python, Natural Language Processing, Twitter API

A Python application for retrieving tweets regarding a certain keyword from Twitter in real-time and analyses the sentiment concerning given keyword.

## Trainings –

### Python & Data Science, Ducat India (Noida)

(11<sup>th</sup> Jun 2018 – 23<sup>rd</sup> July 2018)

### Java (6 Weeks), Cetpa Infotech (Noida)

(21<sup>st</sup> Jun 2017 – 1<sup>st</sup> Aug 2017)

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## Activities

### Challenges –

#### Santandar Customer Transaction Prediction

Challenge hosted on Kaggle.com. Machine Learning code written in Python using Light Gradient Boosting Classification for predictions. Received a score of 0.90111/1.00 on the leaderboard.

#### Sangam 2019 - ML Hackathon by IITMAA

Challenge hosted on HackerEarth.com. Machine Learning code written in Python using XGBoost Regression for predictions. Received a score of 99.13479/100 on the leaderboard.

#### Multiple Challenges on AnalyticsVidhya.com

Including India ML Hackathon 2019 and Innoplexus Online Hackathon Sentiment Analysis. Received above average scores on leaderboards.

### Positions of Responsibility –

#### Co-Coordinator, Litrosphere 2019

The annual science and literary fest of College of Technology, Pantnagar held on 16<sup>th</sup> & 17<sup>th</sup> February 2019

#### Co-Coordinator, X-Quiz It & VOROC at Colosseum 2019

The annual technical fest of College of Technology, Pantnagar held from 4<sup>th</sup> to 6<sup>th</sup> May 2019

### Societies

Active member of the Science and Literary Bureau, a part of Engineering and Technology Society, Pantnagar

### Other Relevant Information –

#### Winner- Enigma

Secured first position two years in a row, at Colosseum 2018 & 2019

#### First position

At the National Level Workshop cum Competition on IoT- Internet of Things, an outreach workshop of Technex'18, IIT Varanasi

**GitHub Repository-** [github.com/raghavkandpal/valhalla](https://github.com/raghavkandpal/valhalla)