

# AWANI MISHRA

Working as an open source developer with the Red Hen Labs as a student of Google Summer of Code 2018.

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## EDUCATION

### NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR

BTech in Computer Science and Engineering | CPI: 8.83| 2015-Present

### DPS KORBA

HSSC | Percentage: 94.2 | 2015

### KV KUSMUNDA

SSC | CGPA: 10.0 | 2013

## SKILLS

- Basic Knowledge about Machine Learning and Data Mining.
- Good Knowledge about Data Structure and Algorithm.
- Comfortable with languages like CPP, C, Python, core JAVA, etc.
- Comfortable in working with both Ubuntu and Windows.

## SCHOLARSHIP

Receives Scholarship from CIL for an excellent academics performance since 2015.

## POR

- Worked for Entrepreneurship Cell and handled Sponsorship Work for two consecutive years.
- Worked as a student Mentor and helped freshers in academics.

## EXPERIENCE AND PROJECTS

### GOOGLE SUMMER OF CODE 2018 | GOOGLE

Open Source Developer | April 2018 - Present

- Designing an algorithm to segment a video into its individual show.
- Dataset is a large collection of video recordings of news channels from 90's to 2006, each .mp4 file is 8 hours long. There are 13874 such .mp4 files.
- Greatest underlying challenge is the non-existence of a definite feature that classifies show boundaries.
- Trying to identify the audio instances, text instances as well as the video instances that frequently accompany show boundaries.

### WINTER RESEARCH INTERNSHIP | IIT KANPUR

Research Intern | Dec 2017 - January 2018

- Successfully reduced the independent variables for flight fuel consumption. Predicted the rate of fuel consumption by employing multiple machine learning techniques.
- Designed a recommendation system which will recommend optimal values of flight parameters to minimize fuel consumption.
- **The abstract got selected for presentation at the 6th International Symposium on Computational and Business Intelligence.**

### DATA ANALYTICS INTERNSHIP | IIM LUCKNOW

Remote Intern | July 2017 - August 2017

- Analysed the pricing strategy of hotels in the Indian hotel industry.
- Deduced factors driving the hotel room prices.

## TRAINING

### SEMESTER LONG READING PROJECT | NIT RAIPUR

Reading Project | August 2017-December 2017

- Worked on a project based on support vector machine and kernels.
- The project aimed at devising a method that could identify the best kernel for a particular set of data.

### CORE JAVA WITH ANDROID TRAINING | HPES INDIA

Summer Trainee | May 2016-June 2016

- Learned the basics of core java and android.
- Prepared an android app as a part of training.
- Completed the training with an A+ grade.