

# Gaurav Malhotra

## Aspiring Data Scientist

Strong Data Analysis skills with a constant motivation to learn new things



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## WORK EXPERIENCE

### Summer School Student

#### Association of Computing Machinery

06/2018 – 06/2018

- Shortlisted out of 2000+ students for final 40
- A course on Programming Languages and Principles
- Got an exposure to Haskell
- Solved problems related to program flow and Threading programs in Java

### Trainee

#### Indian Institute of Technology, Banaras Hindu University

06/2017 – 07/2017

- Worked in the language R
- Problems based on Sorting algorithms
- Exposure to algorithms like Naive's Bayes

### Trainee cum Intern

#### Computer Centre, Banaras Hindu University

05/2016 – 06/2016

- Developed Library Management System on C and learnt how to use C libraries efficiently.
- Used File Handling for storing records. The user can perform CRUD operations with the help of programs.
- User login and password was implemented to get access to the data

## EDUCATION

### Bachelor of Technology, Computer Science Engineering with Minor in Finance

#### NIIT University, Neemrana, Rajasthan

08/2015 – Present

8.00

- Big Data Concepts
- Predictive Modeling
- Natural Language Processing
- Business Analytics
- Inferential Statistics

### XIth (ISC)

#### St. John's School, Marhauili, Varanasi

04/2014 – 03/2015

89.6

### Xth (ICSE)

#### St. John's School, Marhauili, Varanasi

04/2012 – 03/2013

87.2

## SKILLS

Java

C/C++

MongoDB

SQL

Data Structures

Python

Hadoop

HTML

Excel

Finance

## ACCOMPLISHMENTS

### Research-Technical (01/2018 – Present)

Developed algorithms for improving the quality and speed of recommendations in which user would be recommended 3 movies when he queries for a book.

### Research- Finance (01/2018 – 05/2018)

Market risk assessments of top 10 mutual funds companies of India by calculating beta on the previous 5 years data and did an analysis of their performance.

### Music Society Head (NIIT University) (08/2017 – Present)

Organized annual musical evening Tritone which was attended by over 300 people. Looked over the finance and monitored every performance. The society for the first time bagged 1st and 2nd prizes in Oneiros'17.

### Student of the Year (St. John's School Marhauili) (2015)

Awarded as the student of the year amongst 250+ students for performing excellently academically and co-curricular activities

## PROJECTS

### Research on Cross Domain Recommendation Systems (01/2018 – Present)

- Developed algorithms for improving the quality and speed of recommendations in which user would be recommended 3 movies when he queries for a book.

### Real Time Data Analysis Using Apache Storm (01/2018 – 06/2018)

- Geographical Analysis and Sentiment analysis on live stream tweets taken from Twitter using Twitter 4j API. The back end was coded in java and front end in python. For database MongoDB was used.

### Predicted Severity of a Bug Reported (01/2018 – 05/2018)

- Developed an algorithm on python to train the data by classifying the bugs into different categories and predict the severity of the upcoming bugs.

### Database Management System on Mutual Funds (08/2016 – 11/2016)

- Developed a mutual fund DBMS for the agent to keep track of the investments made in different sectors.

## CERTIFICATES

An Introduction to Interactive Programming in Python By Rice University. (07/2018 – 08/2018) [🔗](#)

Score: 94.6%

Certificate of Completion MongoDB- Learn MongoDB Building Projects (04/2018 – 06/2018) [🔗](#)