

# Saket Harsh

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## EDUCATION

### IIT KANPUR

4 YR B.S IN MATHEMATICS & SC.  
COMPUTING  
2015-2019(Expected)  
Cumulative. GPA: 7.8/10

### AISSCE(CBSE CLASS 12TH)

DELHI PUBLIC SCHOOL  
Sail Township, Ranchi, Jharkhand  
Percentage- 95.8%

### AISSE(CBSE CLASS 10TH)

OXFORD PUBLIC SCHOOL,RANCHI  
Ranchi, Jharkhand  
CGPA- 10/10

## SKILLS

### PROGRAMMING

• C • C++ • Python • Matlab  
• Shell Scripting • HTML

### OPERATING SYSTEMS

• Ubuntu • Fedora • Arch Linux  
• MS Windows • Mac OS

### UTILITIES

• Vim • Git •  $\text{\LaTeX}$  • MySQL

## COURSEWORK

### ONGOING

Probability and Statistics  
Mathematical Logic  
Ordinary Differential Equations  
Thermodynamics

### COMPLETED

Introduction to Computing  
Abstract Algebra  
Real Analysis  
Numerical Methods Of Computation  
Linear Algebra  
Introduction to Calculus  
Introduction to Economics

## LINKS

Github:// [saketharsh](#)  
LinkedIn:// [saket-harsh-iitk](#)  
Quora:// [Saket-Harsh](#)

## PROJECTS

### MACHINE LEARNING | PROGRAMMING CLUB, IIT KANPUR

May 2016-July 2016 | IIT Kanpur

- Studied about different Machine learning techniques and implemented a Neural Network based Machine Learning Algorithm to predict the closing Stocks of various MNC's.
- Collected dataset of various MNC's of about an year to train a  $4*70*50*1$  neural network for the Desired output.

### RMSEARCH | SELF UNDERTAKEN PROJECT

Dec 2016

- Wrote a script in Python and Shell to search for any .mp3 file in the Computer and Play it using command line VLC.
- Script able to recognize Mp3 songs even by incomplete names(upto an extent).
- Github:// [saketharsh/RmSearch](#)

### MECHANICAL ELEVATOR | TECHNICAL ARTS COURSE PROJECT,

3rd Semester, Prof. Rajiv Shekhar

- Learnt basic techniques of working with metals(Brazing,Welding,Casting).
- Implemented the techniques to build a Mechanical Elevator that can lift objects which are elliptic in nature to large heights by mechanical forces only.

## SCHOLASTIC ACHIEVEMENTS

2015	AIR 35	SCRA(Special Class Railway Apprentice) organised by UPSC
2015	AIR 768	JEE Main 2015 organised by CBSE
2015	Top 1% student	NSEP(National Standard Examination in Physics)
2008	State Rank 3	I.T Talent Search Examination, Jharkhand State

## POSITION OF RESPONSIBILITY

### PROGRAMMING CLUB, IIT KANPUR | SECRETARY

Jun 2016 – Present | Kanpur

Currently working with a passionate and hardworking team of Computer Enthusiasts within the campus to organise Programming related activities, and involved in different programming events taking place within the Campus.

### COUNSELLING SERVICE, IIT KANPUR | STUDENT GUIDE

June 2016

Selected for the post of Student Guide , to guide six incoming students for smooth transition into their lives away from home and to help them in their lives at IIT Kanpur.

## INTERESTS

Competitive Programming, Open Source Contribution, Machine Learning and Linux are the words that can describe my interests in all.