# Yash **Sharma**

INFORMATION TECHNOLOGY STUDENT

*Room No. 214, Boys Hostel 1, IIIT Allahabad, UP, 211015, India*

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## **Edu**cation

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| **Indian Institute of Information Technology, Allahabad** | *Allahabad, India* |
| BACHELORS OF TECHNOLOGY AND MASTERS OF TECHNOLOGY (DUAL DEGREE) IN INFORMATION TECHNOLOGY | *Aug. 2014 - PRESENT* |

- 8.13 CGPA on a scale of 10.

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| **S. J. Public School (CBSE)** | *Jaipur, India* |
| SENIOR SECONDARY EDUCATION | *May, 2011 - Jun, 2013* |

- Obtained 94.4 % marks in Senior Secondary Examination.

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| **Maheshwari Public School (RBSE)** | *Jaipur, India* |
| SECONDARY EDUCATION | *May, 2009 - Jun, 2011* |

- Obtained 84.83 % marks in Secondary Examination.

## **Pro**jects

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| **Crowd Activity Classification Using MapReduce Framework** | *IIIT Allahabad* |
| DR. SONALI AGARWAL, ASSISTANT PROFESSOR | *Ongoing* |

- Implemented Motion Influence Map Technique for Crowd Activity Classification.
- Improved the performance by using Apache Spark & MapReduce framework.
- Technology Stack - Python, Apache Spark, OpenCV.

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| **Salary Prediction of Indian Engineers** | *IIIT Allahabad* |
| DR. RANJANA VYAS, ASSISTANT PROFESSOR | *Aug, 2016 - Nov, 2016* |

- Analyzed AMCAT 15 Dataset provided in CODS 16 Challenge.
- Developed Salary Predictor Model by using Machine Learning & Data Mining Techniques.
- Technology Stack - Python, Scikit-Learn.

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| **MovieDB** | |
| WEB PORTAL FOR MOVIE LOVERS | *Feb, 2016* |

- Platform where users can find and review popular movies.
- Technology Stack - Ruby on Rails for Backend, Bootstrap for Frontend.
- Hosted on Heroku at moviedb-yash.herokuapp.com

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| **Odometer** | |
| FITNESS APP | *Nov, 2015* |

- Android App that displays distance covered and calories burnt while jogging.
- Used Android's Location service to determine device location and display data in real time.
- Technology Stack - Java, XML, Android Studio.

**Django Blog**

BLOGGING APPLICATION

- A blogging application developed in Django.
- Technology Stack - Python, Django framework.

## **Ext**racurricular Activity

**Open Source**

ACTIVE CONTRIBUTOR

- Patches merged in popular open source projects like nexB/scancode-toolkit, tldr-pages/tldr, duckduckgo/zeroclickinfo-goodies.
- Contributed by fixing bugs, adding documentation and writing tests.

**Hack In The North**                                                    *Allahabad, India*

Organiser                                                                        *2017*

- Developed Website of the Hackathon.
- Incharge of the Hospitality Team.

## Achievements

| 2017 | **Backbone**, First Prize in the Annual Back End Web Development Contest. | *IIIT Allahabad* |
|------|-----------------------------------------------------------------|-----------------|
| 2016 | **Backbone**, Second Prize in the Annual Back End Web Development Contest. | *IIIT Allahabad* |
| 2015 | **Webkriti**, Third Prize in the Annual Front End Web Development Contest. | *IIIT Allahabad* |
| 2014 | **Joint Entrance Examination**, Secured All India Rank of 11,185 out of 1.4 Million appearing candidates (within top 0.8%). | *CBSE* |

## Key Courses Undertaken

**IIIT Allahabad**

University Curriculum

- Data Structures & Algorithms, Design & Analysis of Algorithms.
- Operating Systems, Computer Networks, Data Mining.
- Engineering Biology.

## Technical Skills

**Programming Languages**, Python, Java, C, C++, Ruby

**Web Technologies**, HTML, CSS, Javascript

**Databases**, PostgreSQL, Neo4j

**Operating Systems**, Ubuntu, Windows, Android

**Miscellaneous**, Frontend, Backend, REST APIs, Android Programming