

# Yash Sharma

FINAL YEAR STUDENT AT IIIT ALLAHABAD

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## Experience

### Google Summer of Code

Remote

INTERMINE, UNIVERSITY OF CAMBRIDGE

June. 2017 - Aug. 2017

- Developed a utility for generating & querying schema of Neo4j database.
- Developed a package for PathQuery to Cypher conversion.
- Developed a RESTful API to expose the Intermine-Neo4j database & created API documentation using Swagger UI.
- Technologies Used : Java, Neo4j Graph Database, Cypher Query Language, Jersey Framework, Gradle.

## Education

### Indian Institute of Information Technology

Allahabad

DUAL DEGREE (B.TECH + M.TECH) IN INFORMATION TECHNOLOGY

Aug. 2014 - PRESENT

- CGPA - 8.26 (up to eighth semester).

### S.J. Public School (CBSE)

Jaipur

HIGHER SECONDARY EDUCATION

2012 - 2013

- Scored 94.4% marks in Higher Secondary Examination.

### Maheshwari Public School (RBSE)

Jaipur

SECONDARY EDUCATION

2010 - 2011

- Scored 84.83% marks in Secondary Examination.

## Projects

### Salary Prediction of Indian Engineers

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Nov. 2016

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

### Voice Assistant Extension for Google Chrome

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Oct. 2017

- Developed a Google Chrome extension to control the browser using speech.
- Used Google Speech API & DialogFlow API to process speech and Chrome's API to control the browser.
- Technologies Used : Javascript.

### Crowd Activity Classification

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Jan. 2017

- Implemented Motion Influence Map Technique for Crowd Activity Classification.
- Developed a model to classify the crowd activity as normal or abnormal.
- Technologies Used : Python, OpenCV, Scikit-learn.

## Achievements

Oct 2017 **Second Runner Up**, IIITA Hacks, the Annual Hackathon organized at IIIT Allahabad

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Aug 2017 **Runner Up**, in debate "New India Manthan", conducted by MHRD, Govt of India.

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Mar 2017 **Winner**, Backbone, the Annual Back End Web Development Contest at IIIT Allahabad.

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Mar 2015 **Runner Up**, Webkriti, the Annual Front End Web Development Contest at IIIT Allahabad.

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May 2014 **99.2 Percentile**, in Joint Entrance Examination (Mains) - 2014.

Jaipur

## Technical Details

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**Areas of Interest**  
**Programming Languages**  
**IDE used**

Algorithms, Data Structures, Web Development, Machine Learning.  
C/C++, Java, SQL.  
IntelliJ IDEA, Enthought Canopy, Dev C++, Codeblocks.

## Extracurricular Activity

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### Open Source

ACTIVE CONTRIBUTOR

*Remote*

*2016 - PRESENT*

- Contributed to open source projects like ScanCode Toolkit, TLDR Pages, Duckduckgo Instant Answers.
- Contributions include - fixing bugs, adding documentation and writing tests.

### Hack In The North

ORGANIZER OF THE HACKATHON

*Allahabad*

*March 2017*

- Developed the Website of the Hackathon.
- Incharge of Technical and Hospitality Teams.