

# ROHAN ISHWARKAR

Computer Science and Engineering (M.Tech Dual 5Y), IIT Kharagpur

## ABOUT

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**Profiles** : Codechef, Github, LinkedIn,

## EDUCATION

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<b>Indian Institute of Technology Kharagpur</b>	<i>July 2016 - Present</i>
Third Year Undergraduate	Overall GPA: 8.02/10
Department of Computer Science and Engineering	
<b>Maharashtra State Board</b>	<i>2014-2016</i>
HSC Examination	92.0%
<b>Maharashtra State Board</b>	<i>2013-2014</i>
SSC Examination	98.6%

## TECHNICAL STRENGTHS

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<b>Computer Languages</b>	C,C++,Java,Python,PHP,MYSQL,HTML,CSS
<b>Software &amp; Tools</b>	Spyder, MATLAB, Octave,Netbeans(JAVA Swing), Jupyter-Notebook
<b>Others</b>	Machine Learning, Deep Learning(Keras,Tensorflow,scipy,scikit-learn), JSP, Java Servlet, Android, Firebase.

## ACHIEVEMENTS

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- Secured rank of **360** in **ACM ICPC Online Round**.
- Secured rank of **2** in **Data Analytics** Competition held in IIT Kharagpur.
- Secured rank of **615** in **Snackdown Pre Elimination Round 2017**
- Secured global rank of **68** in **Codechef September MegaCook Off**.
- Secured global rank of **1** in **Codechef October Long Challenge**.
- Secured AIR 1466(gen) in **JEE Advanced 2016** and **AIR 180(gen)** in **JEE Mains 2016** from **11,00,000** candidates
- Secured **406/450** in BITS Entrance Examination
- Secured **194/200** in MHT-CET state engineering entrance(Vidharbha Region Topper).

## INTERNSHIPS AND PROJECTS

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<b>Kolkata Police Headquarters</b>	<i>May 2018 July 2018</i>
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- Worked on speaker recognition using MFCC feature extraction
- Made a Deep Learning model to identify the voice of criminal. Finally made a program to separate the voice of a criminal from all mixed up audio files which helped the authorities to listen to the voice of that particular criminal.
- Improvisation of Sanjog App of Kolkata Police.

<b>Indian Institute of Technology Kharagpur</b>	<i>Jan 2018 March 2018</i>
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- A Software Engineering course project under professor Sudip Mishra, IIT Kharagpur
- Worked on JSP and Servlet with MySQL Backend to create a Real Estate Management Portal which allows users to search property in a city and allows owners to upload properties for rent. Also uses Google API to locate properties on the map.
- Project Link

## RELEVANT COURSES

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### Core Courses

Programming and Data Structures  
Algorithms I  
Software Engineering  
Probability and Statistics  
Computer Organization and Architecture

### Other Courses(Online)

Machine Learning  
Deep Learning and Neural Networks  
Improving Deep Neural Networks  
Structuring Machine Learning Projects  
Image Processing Workshop

## EXTRA CURRICULAR ACTIVITIES

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- Computer Science Expert at Chegg India
- Educator at Unacademy
  - Educator Profile Link
- Tutor at HashLearn
- Cadet at National Cadet Corp(NCC)