# Kaustubh Hiware

Computer Science and Engineering, IIT Kharagpur

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## EDUCATION

### IIT Kharagpur
B.Tech+M.Tech in Computer Science and Engineering
2014-Present | CGPA: 8.05/10

### Shivaji Science College, Nagpur(State Board)
Senior Secondary Grade 12
Overall: 95.54%

### Sandipani School, Nagpur (CBSE)
Secondary Grade 10
Overall: 96.8%

## LINKS

Github:// **kaustubhhiware**
LinkedIn:// **kaustubhhiware**
Website:// **kaustubhhiware**

## CS COURSEWORK

Algorithms 1, Algorithms 2 *
Software Engineering
Computer Organization *
Programming & Data Structures
Compilers *, Automata Theory
Discrete Structures
Matrix Algebra *, Data Analytics *
Probability and Statistics
Switching Circuit and Logic
(* denotes ongoing courses)

## SKILLS

### Programming Languages
C/C++ • Java • Python
• x86 Assembly

### Operating Systems
Ubuntu • Microsoft Windows

### Utilities
Git • Linux Shell
• OpenCV

## INTERESTS

Algorithms
Data Analytics
Machine Learning
NLP
Open source

## AWARDS AND ACHIEVEMENTS

2014　**All India Rank 1874** , JEE Advanced, among 150,000 candidates
2014　**All India Rank 277** , JEE Mains(I), among 1.5 million candidates
2014　**All India Rank 22** , JEE Mains(II), among 150,000 candidates
2011　**Maharashtra Talent Search** (Govt of Maharashtra) scholarship awardee

## EXPERIENCE AND PROJECTS

### Undergraduate Researcher | July'2016-Present
Transductive learning for Derivational Morphology
- Analysis of Vruddhi dataset in Sanskrit under Prof. Pawan Goyal, IIT Kharagpur.
- Incorporated MAD and adsorption algorithms via junto , an open source library.

### Software Developer | Spring '16
OpenSoft, IIT Kharagpur
- Created a module to extract graph information and tabulate using OpenCV libraries and Tesseract.
- The code for the same is available on **GitHub.**

### Front-end Developer | May'16
Code.Play
- A static website generator which allows you to view the changes you make on the go.
- Open sourced the project . Available **here.**

### Software Developer | Mar'16
Department Information System
- Software project in Java under Prof. Partha Pratim Das, IIT Kharagpur .
- Created a software allowing the administrator to perform managerial tasks.Available on **GitHub.**

### Software Team Member | Mar'15-Nov'15
Autonomous Ground Vehicle, IIT Kharagpur
- Worked as a member of Stimulation team for real-environment testing of image detection algorithms.
- Simulation using ROS, Gazebo framework.

### Junior Executive | Aug'14 - Apr'15
Gopali Youth Welfare Society
- Worked voluntarily at GYWS, one of the few NGOs run solely by students.
- A part of Literary, Media and Publicity Team where ideas were to be suggested to widen the impact of the society and implementing them.

## MISCELLANEOUS

- Participated in Open IIT Data Analytics in the year 2015.
- Participated in Open IIT Hindi as well as English Elocution in the year 2015.
- National Cadet Corps cadet for 2 years, July'14 - Mar' 16