

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: 8.18/10

**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](#)
Student webpage:// [hknarendra](#)

CS COURSEWORK

Algorithms 1 & 2, Data Analytics,
Software Engineering,
Computer Organization,
Computer Networks & lab*,
Automata Theory, Compilers,
Discrete Structures
Educational Data Analytics*,
Operating Systems & lab*,
Database Management *

(* denotes ongoing courses)

SKILLS

PROGRAMMING LANGUAGES
C/C++ • Java • Python
• Assembly • Bash

OPERATING SYSTEMS
Ubuntu • Microsoft Windows

UTILITIES & FRAMEWORKS
Git • Django
• OpenCV • Gazebo
• MySQL

INTERESTS

Algorithms
Data Analytics
Machine Learning
Natural Language Processing
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 recipient

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 | Jan'17
coderunR

- A Django(python) webapp for Integrated Development Environment using HackerEarth API.[WIP]
- Includes a static website generator which allows you to view the changes you make on the go.
- Open sourced the project **here**.**Hosted website**

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**.

TINY-C COMPILER | Nov'16
cCOMPILER

- A Compilers course project under Prof. Partha Pratim Das, IIT Kharagpur.
- A restricted grammar C compiler made using flex,yacc and gnu assembler. 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.

MISCELLANEOUS

- Frequent open source contributor on **GitHub**.
- Participated in Open IIT Data Analytics, 2015.
- Participated in Open IIT Hindi as well as English Elocution, 2015.
- National Cadet Corps cadet for 2 years, July'14 - Mar' 16