

Prasad Kshirsagar

<https://github.com/PrasadKshirsagar>
2016csb1041@iitrpr.ac.in

EDUCATION

IIT ROPAR

BTECH COMPUTER SCIENCE

Expected May 2020 | Punjab, India

Cum. GPA: 7.97

HIGHER SECONDARY BOARD OF MAHARASHTRA

2014-2016 | Maharashtra, India

10 th std : 97.80 %

12 th std : 86.67 %

SKILLS

PROGRAMMING

Proficient:

C • C++ • Prolog • HTML

Average:

PHP • Python • Java • Assembly

• Shell • CSS • Matlab

Familiar:

MySQL • Android • Latex • Git

COURSEWORK

Machine Learning

Data Structures

Linear Algebra

Probability Theory and Stochastic
processes

Software Systems

Discrete Mathematics

Programming Paradigms

EXTRA CURRICULAR

- Active participation in coding competitions.
- Active Member of Enigma (Puzzling club IIT Ropar).
- Member of Software Community, IIT Ropar.
- Winner of BrainVista (A puzzling contest) organized by Advitiya 2016-2017, IIT Ropar.

CONTACT

+91-9673542951

INTERNSHIP EXPERIENCE

GEEKSFORGEEKS | TECHNICAL CONTENT WRITING INTERN

May 2018 – June 2018 | Work From Home

- Wrote around 25 new technical articles.
- Contributed by adding codes to around 30 existing articles.
- Also introduced some new topics on GeeksForGeeks like 'Prolog' to carry forward.

KEY PROJECTS

FAKE NEWS DETECTION

Ongoing | IIT Ropar

- The main objective of this project is to detect whether a news is fake or not.
- Implemented various machine learning models like Support Vector Machines, Naive bayes classifier, Decision tree etc.
- Compared the performances of these models relative to one another & found SVM as superior over rest with testing accuracy of 85 %.

PENCIL SKETCH GENERATION APP

Mar 2018 – May 2018 | IIT Ropar

- This Android App generates pencil sketch of selected input image.
- Implemented IEEE published research paper. Obtained Results in sync with research paper.
- Libraries used were OpenCV and basic java libraries.

WEB SCRAPING

July 2017 – Aug 2017 | IIT Ropar

- Implemented web scrapping in python to scrap news website periodically & present as news feed.
- Used Requests library in python to send requests and beautifulsoup library to extract necessary information.

JAR DOMAIN PREDICTION

June 2018 – July 2018 | IIT Ropar

- The objective of this project was to predict which domain the given jar file belongs to.
- Used web scrapping to get links of jar files of various domains from Maven repository.
- Applied neural network on extracted data to classify test jar file.

FACE MORPHING

Nov 2017 – Dec 2017 | IIT Ropar

- The objective of this project was to produce transition of images between the input image & output image.
- Used Delunay triangulation, backward mapping to implement the task.

AWARDS & RANKINGS

2016	#1570/150,000	JEE Advanced 2016
2016	#176/4,00,000	Maharashtra Common Entrance Test (MHTCET)
2014	#5/10,000	Maharashtra Talent Search Examination (MTSE)
2013	#11/6,000	Indian Institute for Studies in Mathematics (IISMA)