# Priyanshu Jain

https://www.priyanshujain.me
sci@priyanshujain.me | 750.965.7590

## EDUCATION

**GURU GHASIDAS UNIVERSITY**
B.Tech(Honors) in Information Technology
Expected May 2017 | Bilaspur, India
Cum. GPA: 7.86

## LINKS

Github:// **priyanshujain**
LinkedIn:// **priyanshu-sci**
Medium:// **@priyanshujain**
Twitter:// **@priyanshu_SCI**
Quora:// **Priyanshu-Jain-12**

## COURSEWORK

### UNDERGRADUATE

Algorithms
Discrete Mathematics
Operating Systems
Computer Architecture
Artificial Intelligence + Practicum
Computer Graphics + Practicum
Databases
Cloud Computing

### INDEPENDENT

Natural Language Processing
Machine Learning and Deep Learning
Functional Programming
Unix Tools and Scripting

## SKILLS

### PROGRAMMING

**Over 3000 lines:**
C++ • C • Python
**Over 1000 lines:**
Bash • Sql • LaTeX • Html • Java
**Familiar:**
Assembly • Haskell • Javascript • C#
Git • cmake • Cloud • Android • NoSQL
Socket Programming • Docker

## RECREATIONAL INTERESTS

Working on a project of analysing effects of coaching Institutes on education system in India. Project Link
Badminton, Cricket, Yoga and Rubik's Cube, Science Experiments.

## PROJECTS

**KDE** | Season of KDE Intern
Improve stability and feature set of Kexi MS Access import
Nov 2016 – Feb 2017 | Mentor: Jaroslaw Staniek
Improving support of importing Microsoft Access databases is built into Kexi(A visual database applications creator by KDE).

### ALGORITHMIC CHALLENGES CURATION
2016 – Present
Curation of problems and writing editorials for algorithmic programming contests held on CodeChef, college's internal contests. Complete list of contribution by me.

### ENQUIRY CHATBOT
Jan 2016 – Apr 2016 | Guide: Deepak Netam
Implemented a Chatbot which can answer queries of a specific domain. Used NLTK for pattern matching in queries and employed domain knowledge to answer processed queries.

### HAND WRITTEN DIGIT RECOGNITION
Aug 2015 – Sept 2015
Implemented a neural network that can recognize digits with an accuracy over 96 percent, without human intervention.

I have implemented Client Server Messenger and a Echoserver using socket programming in C, Resume Builder using JSON data, Store App using C# and .Net, Implemented Apriori and K-means algortihms, Text Editor using Qt in C++.

## RESEARCH

### STUDY OF STABLE MATCHING PROBLEM UNDER SOCIAL STABILITY | Undergraduate Thesis
Sept 2016 – Present | Guide: Suhel Ahamed
Studied socially stable matching graph or social graph and try to accompany the hardness result to NP-Hard and finding approximate algorithm to find maximum gender optimal solution.

## AWARDS

| | |
|---|---|
| 2016 | Selected for ACM-ICPC Asia Chennai onsite regionals(team: ultra_coders). |
| 2013 | Selected in JEE-Advanced 2013. |
| 2013 | 99.75 percentile in JEE-MAINS among 1.5 million candidates. |

## POSITIONS

| | |
|---|---|
| 2016-Present | Founder of Mozilla campus club ITGGV, Bilaspur. |
| 2016-Present | Student representative at Codechef campus chapter ITGGV, Bilaspur. |

## COMPETITIONS AND EXTRA CURRICULAR

Participated in contest like Hacktoberfest, Github GameOff, Facebook HackerCup, Microsoft Hello Cloud Etc. and various college fests.
Active user on online judges like codechef, hackerrank and brilliant.org.
Volunteer for code.org.
Helped a Medical Startup Medicloc on database.