



Harsh Vardhan Singh Yadav

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Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Indian Institute of Technology, Guwahati	5.70 (Current)	2018 - Present
Senior secondary	MPBSE	87.2%	2017
Secondary	ICSE board	88.2%	2015

Projects

- **Django based web development app**

A web application with all sorts of functionality.

July 2020

- **Stable Matching Problem**

Prof. K.V. Krishna, Professor, Dept. of Mathematics, IIT Guwahati

goo.gl/linkApr 2016

A complete analysis of bipartite stable matching problem. In-depth analysis of the Gale Shapley Algorithm, its basics, its application, and the complete revolution of certain industries using different versions of GS algorithms.

- **Project title**

Graphical interface to share files over institute's network.

Feb 2016

goo.gl/link

Technical skills

- **Programming languages** : C, C++, Python, Java *
- **Web technologies** : HTML, CSS, Javascript
- **Database management** : MySQL, PostgreSQL
- **Operating system** : Windows, Linux

* Elementary proficiency

Key courses taken

- Computer Programming Theory & Lab
- Probability theory and Random Process
- Database management Systems Theory & Lab
- Discrete Mathematics
- Data Structures Theory & Lab
- Design and Analysis of Algorithms
- Financial Engineering
- Intro to Machine Learning - Kaggle

* To be completed in Nov 2016

Positions of Responsibility

- Overall Coordinator, Cultural Board, IITG, 2019-2020
- PR and media team member, Alcheringa, The annual cultural fest of IITG
- Executive, Rocko Phonix, Alcheringa, The annual cultural fest of IITG

Achievements

- **Joint Entrance Examination 2018** : Secured All India Rank 3098 among 0.2 million candidates appearing for the test.

Extracurriculars

- **Inter IIT 2019** : Represented IIT Guwahati Dance Club in 4th Inter IIT Cultural Meet, IIT Bombay.
- **Manthan 2020** : Secured 2nd position in the Inter hostel group dance competition hosted in IIT Guwahati.