

Aditya Rastogi

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EDUCATION

IIT KHARAGPUR

**COMPUTER SCIENCE AND
ENGINEERING: DUAL DEGREE
(B.TECH.(HONS.) +M.TECH.)**

Expected Graduation: July 2021 |
Kharagpur, India
Cum. GPA: 9.67/10

S.S. CHILDREN ACADEMY

Grad. May 2016 | Moradabad, India
CBSE Class X: 10/10 CGPA
CBSE Class XII: 96.2%

SKILLS

PROGRAMMING

Over 5000 lines:

• C • C++ • Python • HTML5

• Java • GNU Octave

Over 1000 lines:

Javascript • PHP • MySQL

• CSS • \LaTeX • jQuery

Familiar:

• Linux • UML • NodeJS • Android

LINKS

Github:// Aditya-Rastogi

LinkedIn:// Aditya-Rastogi

Facebook:// Aditya-Rastogi

Quora:// Aditya-Rastogi

SOME DEVELOPING

EXPERIENCES

IMPLEMENTED

- Memory Constrained Quick-Sort
- Gradient Descent Algorithm
- Iterative Re-weighted least square method
- Back Propagation Algorithm
- Nearest Neighbour Classification Algorithm
- Tarjan's Algorithm
- Convex Hull - Graham Scan

LANGUAGES

FLUENT IN:

• English • Hindi

KNOWS:

• French

COURSES

COMPLETED

- Programming and Data Structures • Discrete Structures • Algorithms
- Introduction to Electronics • Signals and Networks • Symbolic Logic • Linear Algebra • Calculus • Numerical Analysis

WILL BE COMPLETED

| BY MAY 2018

- Machine Learning
- Software Engineering
- Switching Circuits and Logic Design
- Formal Language and Automata Theory
- Probability and Statistics

ONLINE COURSES

- Machine Learning – Andrew Ng (Coursera)

PROJECTS

SOFTWARE- PERSONAL LIBRARY SYSTEM

| ONGOING

Jan 2018 – Present | Kharagpur, India

- Developing a JAVA based software to make the work of finding books in a library easy.
- The software not only shows the location for each book in the library through a search portal but also provides a list of reference books on the topic.
- The project requires use of industry level software development techniques

SCHOLASTIC ACHIEVEMENTS

- Secured a perfect 10/10 Semester Grade Point Average in my 1st Semester.
- Secured a Department Change from Chemical Engineering Department to Computer Science and Engineering Department at the end of my 1st year.
- Recipient of the Goralal Syngal Memorial Scholarship.
- Currently in the top 2% in the Institute as per CGPA till 3rd semester.
- Secured state rank 2 in International Olympiad of English Language' 15 conducted by SilverZone.
- Secured an All India Rank 1383 in the JEE-MAINS Exam, 2016 among around 1.3 million students.
- Rewarded a Tablet for being the Zone Topper in Indian Intelligence Test 2015.
- Cleared the regional level Astronomical Olympiad and participated in the National level Indian National Astronomy Olympiad (INAO) conducted by Homi Bhabha Centre for Science Education.
- Awarded Certificate of Honour by District Magistrate, Moradabad for securing 96.20% marks in Class-XII CBSE Examinations 2016.

EXTRA-CURRICULAR ACTIVITIES

- Contributing to work for societal welfare by being an active member in National Service Scheme (NSS).
- Participated in various drawing/sketching competitions.
- An active member of chess.com website and likes to play chess regularly, participated in various district level chess competitions.