

EDUCATION

- **Indian Institute of Technology Kanpur** Kanpur, India
Bachelor of Technology in Electrical Engineering ; CPI: 7.9 *July. 2016 – April. 2020*
- **Thakur Vidya Mandir** Mumbai, India
Higher Secondary School; Overall : 89% *June. 2014 – Feb. 2016*

PROGRAMMING SKILLS

- **Languages:** Python, C/C++, Matlab, Javascript, Haskell, Scala, HTML/CSS
- **Technologies and Utilities:** Git, Vim, L^AT_EX

EXPERIENCE

- **NYO IITK - New York Office, IIT Kanpur** IIT-K, India
Backend Web Developer Intern - Summer Internship *May 2017 - July 2017*
 - **Scala & Akka Http:** Worked on a scalable web application's backend as part of an internship.
 - **Javascript:** Made a Chrome Extension which extracts the rss feed from a website and posts it to a specific page.

PROJECTS

- **Image Analysis:** Extracting Text from Images using MSER (Maximally Stable Extremal Regions) and Convolutional Neural Networks , using Keras and TensorFlow Libraries. The text can be anywhere in the image and the program can detect a wide variety of fonts. (Project hosted on Github)
- **Haskell Crypto:** Learnt Haskell to build a (n x n) Tic Tac Toe AI using MiniMax Algorithm. (under ACA, IIT K)

RELEVANT COURSES DONE

- **ESC101: Introduction to Programming** - Received Grade A* given to top 1% of the batch.
- **ESO207: Data Structures and Algorithms**
- **MSO201: Probability and Statistics**
- **MSO203: Partial Differential Equations**
- **MTH102: Linear Algebra and Ordinary Differential Equations**
- **ESC201: Introduction to Electronic Circuits**
- **EE200: Signals, Systems and Networks**
- **Machine Learning by Andrew Ng on Coursera (Online) : Ongoing**

INTERESTS

I am a Machine Learning enthusiast, interested to learn and explore Probability, Statistics, Machine Learning, Algorithms and their applications. I am a regular in online Competitive Programming Contests - **rated 4 stars** ★★ ★ **on Codechef.** (suds13 on Codechef)

ACADEMIC ACHIEVEMENTS AND EXTRACURRICULAR ACTIVITIES

- Secured **All India Rank 655** in JEE Advanced 2016 among 150,000 Applicants (Among Top 0.5%).
- Secured **All India Rank 292** in KVPY conducted by IISc Bangalore and was offered Scholarship.
- **Academic Mentor** for the course ESC101 - (Introduction to Programming). My work involves taking Institute Level Remedial Classes and Doubt Clearing Classes for a batch of 400 students. (Currently Ongoing)
- Secured **First Position** at the Indian Game Theory Society Contest at IIT Kanpur.
- **Winning Team** at Freshers Debating Competition at IIT Kanpur.