

## EDUCATION

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- **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

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- **Languages:** Python, C++, Octave, Scala, Haskell, Javascript, C, HTML, CSS
- **Technologies and Utilities:** Git, Docker, Vim, L<sup>A</sup>T<sub>E</sub>X, ROS, Autodesk Fusion, Adobe Photoshop,

## EXPERIENCE

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- **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

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- **Image Analysis:** Extracting Text from Images using MSER and CNN, using Keras and TensorFlow Libraries (Team Project under Programming Club, IIT Kanpur)
- **Haskell Crypto:** Learnt Haskell to build a (n x n) Tic Tac Toe AI using MiniMax Algorithm. (under ACA, IIT K)

## RELEVANT COURSES DONE

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- **ESC101: Introduction to Programming** - Received Grade A\* given to top 1% of the batch.
- **ESO207: Data Structures and Algorithms**
- **ESC201: Introduction to Electronic Circuits**
- **EE200: Signals, Systems and Networks**

## INTERESTS

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I am a Machine Learning enthusiast, who can also work as a Full Stack Web Developer. I am 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

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- Secured **All India Rank 655** in JEE Advanced 2016 among 1.5 Lakh Applicants.
- Secured **All India Rank 292** in KVPY conducted by IISc Bangalore and was offered Scholarship.

## POSITIONS OF RESPONSIBILITY AND EXTRACURRICULAR ACTIVITIES

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- **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.
- Secured **Rank 3** in IITK Competitive Programming Contest open to all students of IIT Kanpur. (IIT Kanpur Weekend Programming Contest organised by Programming Club)
- Public Relations Executive at Antaragni 2016 (Cultural Festival of IIT Kanpur)
- Junior Executive at E-Cell for E-Summit 2016
- Contributed to the HTML Standard on Github
- Cleared the Qualifier and Pre-Elimination A to get into Eliminations in Codechef SnackDown 2017 (Team name : crypto007)