

AKHILESH SHARMA

3rd Year Undergraduate
Computer Science Engineering

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EDUCATION

Year	Degree	Institute	CPI/%
2018 - Present	B.Tech in Computer Science Engineering	Indian Institute of Technology, Kanpur	8.8
2018	Class 12 th – CBSE Board	Kendriya Vidyalaya Pitampura, New Delhi	91.8%
2016	Class 10 th – CBSE Board	Kendriya Vidyalaya Pitampura, New Delhi	9.4

SCHOLASTIC ACHIEVEMENTS

- Secured **206 AIR** in IIT - Joint Entrance Examination Advanced 2018 among **0.2 million candidates**
- Achieved **282 AIR** in IIT - Joint Entrance Examination Main 2018 out of **1.3 million candidates**
- Secured **All India Rank - 398** in Kishore Vaigyanik Protsahan Yojana National Science Fellowship Program (KVPY) 2016
- Secured a rank **156 among 11,700+ participants** in **Google Kickstart Round D** held worldwide (Username - [Dragnoid99](#))
- **Master** on Codeforces with a highest rating of **2239** (Username - [Dragnoid99](#))
- **Codeforces**: Currently **Ranked 35 all over India** and **highest rated coder** at **IITK**
- **5-star** coder on Codechef, with a highest rating of 2142 (Username - [dragnoid](#))

PROJECTS

Life@IITK

May'19 - July'19

Programming Club, IITK

- Developed, in a team, a **unified web portal** and **app** to **streamline** the life of campus residents by bringing info and schedule of **upcoming campus activities**, **mess menus** of all hostels and **campus map** at one place
- Used **Django** for backend, **React/React Native** for frontend and deployed on IITK Virtual Machines
- **Won Award** for Project with **best Social Impact**, Summer'19 under **SnT Council, IIT Kanpur**

Face Recognition System

May'20

Self Project

- Implemented concepts from **Convolution Neural Network**, **Regression**, **Siamese network** to develop a python program to **recognize faces** with help of single images of multiple persons to train on and successfully identify the person in photo

Art Generation using Neural Style Transfer

May'19

Self Project

- Implemented a program that inputs content image & style image & re-draws the content image with style of the style image.

Jumping Man Game

Dec'19

Self Project

- Created a video game that is similar to Jumping Dinosaur Game of google chrome using **C++** and it's **Pthread Library**

Web Application to Optimize Debts

Dec'18

Self Project

- Developed a Web Application using **ReactJS**, **HTML** and **CSS** that optimizes number of transactions needed to settle debts among a group of people.

TECHNICAL SKILLS

Languages: C/C++ | Python | CSS | HTML5 | \LaTeX | Verilog | Octave

Frameworks/Libraries: Tensorflow | Numpy | Keras | Pytorch

Tools & Softwares: Git/GitHub | AutoCAD | Autodesk Inventor | Fusion 360 | Matlab

KEY PERSONAL SKILLS

- Focused and goal driven with strong work ethics
- Proficiency in grasping new technical concepts quickly
- Self motivated, team builder with a good interpersonal communication and analytical skill
- Intuitive and with a natural bent for innovation

POSITIONS OF RESPONSIBILITY

Assistant Coordinator

Mar'20- Present

Students' Placement Office, IIT Kanpur

- Responsible for inviting companies for the placement and internship season 2020-21 of IIT Kanpur
- Developed liaisoning with more than 50 corporate teams to ensure participation in the internship drive
- One of the leading members of a team of 80 members responsible for coordinating the entire internship season 2020-21

Student Guide

July'19- April'20

Counselling Service

- Assisted in organising workshops and sessions for the incoming batch of **1000+ students** during Orientation Program'19
- Guided 6 counselees throughout their first year and helped them in academics and extracurricular activities.

RELEVANT COURSE WORK

- | | | |
|----------------------------|-------------------------------------|---|
| ➤ Fundamental of Computing | ➤ Software Development & Operations | ➤ Data Structures & Algorithms |
| ➤ Computer Organisation | ➤ Discrete Mathematics | ➤ Real Analysis & Multivariate Calculus |
| ➤ Mathematical Logic | ➤ Linear Algebra & ODE | |

Certified Coursera Courses :-

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|---|--|--|
| ➤ Machine Learning by Stanford | ➤ Improving Deep Neural Networks | ➤ Tensorflow in Practice |
| ➤ Structuring Machine Learning Projects | ➤ Convolutional Neural Networks | |
| ➤ Neural Networks and Deep Learning | ➤ Sequence Models | |