

Aditya Prakash

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EDUCATION

IIT KANPUR

B.Tech in Aerospace Engineering, CPI: 8.53/10

Expected Graduation: July 2023

Relevant Coursework

ESC101 (*Fundamentals of Computing*), ESO207* (*Data Structures and Algorithms*)

* ongoing.

TECHNICAL SKILLS

- Python * Javascript * C++ * React * NodeJS * HTML5 * CSS3
- Git * Linux

TECHNICAL PROJECTS

- **Algorithm Visualizer**

Self Project | WEBSITE | GITHUB

- Built a **React** application for visualizing various important Algorithms.
- Implemented Backtracking, Quick Sort, Merge Sort, Heap Sort, Insertion Sort, Selection Sort, and Bubble Sort.

- **Project Ekatra**

Self Project | WEBSITE | GITHUB

- Built and deployed **React** website for sharing freely available online resource.
- Implemented a Recommendation system and Content Filtering. [**Backend-NodeJS**]

- **Facial Emotion Recognition**

Under BCS IITK | DOCUMENTATION | GITHUB

- Built a Facial Emotion Recognizer using Deep Learning Models. [**Python**]
- Worked in a team of 5 members to preprocess data and implement various Models.

- **Miscellaneous Projects**

Small Projects

- Automated the mailing system of SIP, IITK reducing the mailing time to 5 min. [**Python**] ↗
- Gender Predictor for Indian Names using Natural Language Processing. [**Python**] ↗
- Designed and developed my portfolio website: LeibTon. ↗
- Built a **React** website to test Randomness based on AR models. ↗

EXTRA CURRICULAR ACTIVITIES

- **Student Guide, Counselling Service IITK**

- Guiding a group of 5 students into their first year of college life.

- **Academic Mentor, Counselling Service IITK**

- Guiding first-year students in their academics related problems.

- **Secretary, Brain and Cognitive Society IITK**

- Organized introductory lectures and workshops for students interested in Computational Neuroscience.