

Aditi Goyal

Junior Year | Electrical Engineering | IIT Jodhpur
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EDUCATION

IIT JODHPUR

BTECH IN ELECTRICAL ENGINEERING

DEPARTMENT RANK - 2

Expected 2023

Cum. GPA: 8.79 / 10

(uptil 4th Semester)

VIDYA NIKETAN J.COLLEGE

CLASS 12 | HSC

2019 | Mumbai, India

PERCENTAGE: 89.54%

VISSANJI ACADEMY

CLASS 10 | ICSE

2017 | Mumbai, India

PERCENTAGE: 96.8%(AGG.)

SKILLS

LANGUAGES

• C / C++ • Python • HTML / CSS

• Dart • Verilog • Javascript

Machine Learning:

• sklearn • pytorch • Tensorflow

DEVELOPMENT

• Bootstrap • Django

• Flutter • Firebase • Git

• GraphQL • Adobe XD

OTHERS

• Competitive Programming

• Photoshop • SolidWorks

• Debating • Public Speaking

LINKS

Github:// [gaditi123](#)

LinkedIn:// [Aditi Goyal](#)

Codechef:// [duhaditi](#)

COURSEWORK

UNDERGRADUATE

Probability, Statistics and Stoch. Process

Linear Algebra and Calculus

Intro to Computer Science

Data Structures and Algorithm

Pattern Recognition and Machine

Learning

Intro to Quantum Information

MOOC

Responsive Web Development

Django

Dart and Flutter

EXPERIENCE

STOPSTALK APP | FLUTTER DEVELOPER

October 2020 – April 2021 | Flutter, Firebase | Github | Playstore

- Collaborated with popular open source project StopStalk in a team of 4 to build a versatile mobile app with a minimalist and intuitive UI/UX.
- **Executed core functionalities** like: graphs, form-based components, animated lists, login along with **search and sort** features reaching 150+ users in 3 days.
- Implemented real time JSON updates, **dynamic updates** like add/delete friends or ToDo, reusable components and was the **top contributor** in the project.

PROJECTS

LOKALITE | JUNIOR FLUTTER DEVELOPER

May 2020 – June 2020 | Flutter, Django | Gitlab

- Developed a comprehensive restaurant listing app with **geolocation based restaurant discovery** service and social features like chatting and search.
- Contributed functionalities like: submitting reviews and images, user profile, connecting to google maps and separate user and merchant interface UI/UX.

SOUVENIRS IITJ | Design and Arts Society, IIT Jodhpur website

April 2020 - May 2020 | Bootstrap, Javascript, GoogleAppScripts | Github

- Portal to publicly display photos of events held in the institute **without any dedicated server space**, completely based on using google drive for storage purposes.
- Devised a logic to **automate image URLs** without hard-coding any, using **GAS functionalities** and improved the overall front end in a team of 4.

PATTERN RECOGNITION AND MACHINE LEARNING

- Worked extensively on all ML classifiers like regression, decision tress, boosting, clustering and deep neural networks using Pytorch and Tensorflow.
- Designed and developed a **drug review sentiment analysis NLP** project with classifier combination of ML classifiers and deep neural networks, performing **feature engineering, predictive analysis** and simulation development. [Github](#)
- Improved **face mask detection** using several optimised CNN models. [Github](#)

ACHIEVEMENTS

2020 **Department Rank 2** of Electrical Branch till 4th semester

2020 **Research paper** documenting Covid-19's impact on WASH and secured **2nd place** with **cash prize** in an institute challenge.

2019 **JEE 2019** - Top 0.8 percentile of 1.3 million candidates

2019 Top 1% of Maharashtra State Board Class 12 Exam

POSITION OF RESPONSIBILITY

2020 Literature Society | **JOINT SECRETARY**

2020 Core Member: **Devlop Labs: OpenSource Dev Group**

EXTRACURRICULAR

- **Parliamentary Debate** at the InterIIT Cultural Meet, IIT Bombay, December'19.
- Received **Best Delegate Award** in India-International MUN Conference.
- **Hosted** opening ceremony of Spandan(Inter Hostel Fest) and Kavi Samelan of renowned Jodhpur poets besides managing several club activities.