

Jitesh Jain

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EDUCATION

IIT ROORKEE

B.TECH IN COMP. SCI & ENG.

Expected 2023 | Roorkee, Uttarakhand
CGPA: 9.333 / 10.00

CENTRAL ACADEMY

CLASS 12TH, CBSE

2019 | Kota, India

Percentage : 96.60%

MODERN SENIOR SECONDARY SCHOOL

CLASS 10TH, CBSE

2017 | Kota, India

CGPA : 10 / 10

LINKS

Github: [praeclarumjj3](https://praeclarumjj3.github.io)

LinkedIn:// [jitesh-jain-1451b9192/](https://www.linkedin.com/in/jitesh-jain-1451b9192/)

Twitter:// [@jiteshjain31](https://twitter.com/jiteshjain31)

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms

Discrete Structures

Mathematics-I (Linear Algebra and Calculus)

Optimisation Techniques

MOOC

Stat 110 -Probability and Statistics
(Harvard University)

Deep Learning Specialisation (Coursera)

CS231n - Computer Vision (Stanford University)

SKILLS

DEEP LEARNING

Computer Vision • Natural Language Processing • Probability and Statistics

PROGRAMMING

Python • Pytorch • Java

• TensorFlow • Dart (Flutter) • Android Studio

PROJECTS

PAPERS WE READ | CONTRIBUTOR

MAY 2020-PRESENT

- This is an open source repository maintained by Vision And Language Group containing summaries and analysis of recently released papers. [\[GitHub Link\]](#)
- Contributed to summaries from recent Deep Learning Conferences

VISION AND LANGUAGE GROUP | SELF-LEARNING PROJECT

May 2020 | IIT Roorkee

- Implemented VQ-VAE from scratch in Pytorch on the MNIST dataset as a self-learning project.
- Derived conclusions based on the training and testing results regarding the encoding of images into a latent space, adding Vector-Quantization to encodings and generating images.
- Implementation link: [VQ-VAE on MNIST](#).

MOBILE DEVELOPMENT GROUP | SELF-LEARNING PROJECT

December 2019 | IIT Roorkee

- Worked on developing an android app- **Societyfy** to help one in finding people around oneself for carrying out activities (eg., study,play,etc.) together.
- Worked with Android Studio (Java) as the development tool.
- Implemented chatrooms for different activities, displaying active users' location on maps, user authentication,etc. with proper architecture of code.
- Playstore Link: [Install Societyfy](#)
- Medium Blog: [Societyfy: An app made for finding company at any time for anything](#)
- Github link: [\[Code\]](#)

HONOURS

2019 All India Rank: 252

JEE Advanced 2019

2019 All India Rank: 454

JEE Main 2019

2018 KVPY Fellowship Awardee

KVPY conducted by IISC

2017 NTSE Scholarship Awardee

NTSE conducted by NCERT

EXTRACURRICULAR ACTIVITIES

VISION AND LANGUAGE GROUP | CORE MEMBER

January 2020 - Present | IIT Roorkee

- A student group to foster deep learning research culture on the campus.[\[Website Link\]](#)
- Active participator in discussions and organising workshops related to Deep Learning.

MOBILE AND DEVELOPMENT GROUP | ANDROID APP DEVELOPER

January, 2020 - Present | IIT Roorkee

- Developer at the Mobile Development group based in IIT Roorkee.[\[Link\]](#)
- Involved in contributing to open-source projects, developing android applications in JAVA and Flutter, etc.

GEEK GAZETTE | GRAPHIC DESIGNER

August, 2019 - Present | IIT Roorkee

- Official Tech Magazine based in IIT Roorkee.[\[Link\]](#)
- Designing graphics for articles and advertisements for the magazine and the website.

