

Mohit Jain

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EDUCATION

UNIVERSITY OF CALIFORNIA, SAN DIEGO

MASTERS IN COMPUTER SCIENCE
January 2021 | Expected
Cum. GPA: 4.0 / 4.0

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

B.TECH. IN ELECTRICAL ENGINEERING
July 2016 | July 2020
Cum. GPA: 8.188 / 10.000

LINKS

Github:// [Natsu6767](#)
LinkedIn:// [natsu6767](#)
Twitter:// [@Mohit_Jain6767](#)
Deep Learning Blog:
<https://mohitjain.me/category/deep-learning/>

COURSEWORK

UNDERGRADUATE

Machine Learning
Artificial Neural Networks
Data Structures
Linear Algebra
Fuzzy Set Theory and Fuzzy Systems
Numerical Methods for Electrical Engineering

SKILLS

PROGRAMMING

Python • PyTorch • Tensorflow
C++ • \LaTeX • MATLAB • Java

EXPERIENCE

UNIVERSITY OF MARYLAND, COLLEGE PARK | RESEARCH INTERNSHIP

June 2019 - January 2020 | College Park, MD, USA

- I worked with Prof Abhinav Shrivastava at the University of Maryland, College Park on **Unsupervised Activity Transformation in Videos** using Deep Learning techniques. The goal was to synthesize videos of humans performing a different unseen action.

GTS CORPORATE | SOFTWARE ENGINEERING INTERN

Nov 2018 - Jan 2019 | Dubai, UAE

- Worked on creating a Sales Web Portal for the company using Django. The purpose was to create an easy to use interface for the sales team to log in their dealings and meetings during the day.

PROJECTS

INFOGAN IMPLEMENTATION | 221 STARS

<https://github.com/Natsu6767/InfoGAN-PyTorch>

- PyTorch implementation of InfoGAN: Interpretable Representation Learning by Information Maximizing Generative Adversarial Nets.

DRAW IMPLEMENTATION | 85 STARS

<https://github.com/Natsu6767/Generating-Devanagari-Using-DRAW>

- PyTorch implementation of DRAW: A Recurrent Neural Network For Image Generation on the task of generating Devanagari Characters.

CONDITIONAL ANIMEGAN | 72 STARS

<https://github.com/Natsu6767/Conditional-AnimeGAN>

- Anime face generation using a conditional Generative Adversarial Network conditioned on eyes and hair color.

AWARDS AND ACHIEVEMENTS

Rank 8 in Visual Dialog Challenge 2018. This challenge was part of the SiVL workshop at ECCV 2018 in Munich, Germany. I participated as a member of the team VLG IITR. Our approach to the problem was to focus on the language part of the task.

All India Rank 1,500 in JEE Advanced 2016. Around 1.4 million students give the first qualifying exam, out of which 200,000 students are allowed to give JEE Advanced. JEE Advanced is a national competitive exam in India for taking admission in the topmost prestigious engineering colleges in India, the IITs (Indian Institute of Technology)

All India Rank 73 in KVPY 2015 (Kishore Vaigyanik Protsahan Yojana). Around 100,000 students give this national exam.

Top 1% in NSEA 2015 - 2016 of the candidates enrolled in the State of New Delhi. NSEA is the National Standard Examination in Astronomy.