





# Anant Agarwal

A strategic and imaginative planner skilled in artificial intelligence with demonstrated abilities in algorithmic design & model building

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## SKILLS

• NLP • Machine Learning • Data Structures and Algorithms

### Programming Languages

• Python • C++ • Java • R  
• SQL(Oracle)

### Frameworks Libraries

• Hadoop • Pytorch • Keras • Sk-Learn  
• Tensorflow 2.0 • Spark

**Misc** • Git • Github

## EDUCATION

### THAPAR INSTITUTE OF ENGINEERING & TECHNOLOGY

BE IN ELECTRONICS AND COMPUTER

**Expected May 2020**

Cumulative GPA: 8.49/10

### DELHI PUBLIC SCHOOL

AISSCE |CBSE |2015

Percentage Marks: 92.6%| **Top 0.1%**

**Performer in Maths, Physics and  
JAVA&MYSQL**

### DELHI PUBLIC SCHOOL

AISSE |CBSE |2013

Cumulative GPA: 10/10

## CERTIFICATIONS

- **Deep Learning** by prof Andrew Ng
- **Machine Learning** by Prof. Andrew Ng

## HOBBIES

- I'm a numismatist.

## EXPERIENCE

### DATA SCIENTIST | OURBUS Inc.

September 2019 | New York, USA [Remote]

- Developed deep learning model to predict the effect of strategies on business which **saved 30% of the running cost**;
- Segmented customers on their propensity to buy at platform to deliver a better customer centric experience to our users.
- Developed pricing algorithm which automatically adapts to the market dynamics **increasing the overall revenue by 8%**;
- Developed a demand predictor model to enable business adopt accordingly and make best of use the opportunity
- Designed data collection pipeline to collect data centric information from the platform to make ourbus data driven business.

### MACHINE LEARNING INSTRUCTOR | SIMPLI LEARN

August 2019 | New Delhi, India

- Taught machine learning in Python and R to the students all over the world.

### DEEP LEARNING INTERN | NVIDIA LAB

June 2018 | Bennett University, Noida

- Conceptualized and built a **Fake News Detection Model** by implementing **CNN-LSTM** based ensemble giving F1 score of **~0.91**;
- **Secured 4<sup>th</sup> rank in the NVIDIA DLI workshop** which also included leading industry experts and people from academia as participants.

### DEEP LEARNING GUEST SPEAKER | THAPAR INSTITUTE OF ENG. & TECH.

June 2019 | Patiala, Punjab

- Conducts 6 days workshop in Artificial Intelligence, attended by more than 200 learners every summer;

## POSITIONS OF RESPONSIBILITY

### Mentor, 2020 | OurBus

- Responsible for mentoring colleagues in Pytorch deep learning and tableau dashboarding;

### Technical Coordinator @ Urja 2017 | TIET

- Responsible for managing the technology team of 15 students which developed event website, posters and videos for the university's sportfest;

### Technical Lead @ Saturnalia 2017 | TIET

- Responsible for managing the technology team of 40 students with 2 Technical Coordinators who handled all the technical competition of the festival and development tasks;