

# Nitin AGARWAL

Department of COMPUTER SCIENCE ENGG. and MATHEMATICS  
BITS PILANI Goa Campus

## PERSONAL DATA

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PLACE AND DATE OF BIRTH: Kolkata, India | 03 November 1997  
ADDRESS: 316, Canal Street, Rajshree Apartment, Kolkata - 700048  
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## WORK EXPERIENCE

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*Jan-May 2019* | Teaching Assistant ( TA )  
*Operation Research Course MATH F242*  
Course taken by Mathematics Department which involves concepts of Dynamic Programming, Shortest Path Algorithms etc .

*Aug-Dec 2018* | Study Oriented Project( SOP )  
*Machine Learning And Its Algorithms*  
The project aimed on understanding different Algorithms of Machine Learning which included Support Vector Machines (SVM) , K-Nearest Neighbours (KNN) and Multilayer Perceptron (MLP) and Deep Learning Algorithms based on Convolutional Neural Network and implementation of these Algorithms in Python Programming Language.

MAY-JUL 2018 | Summer Intern at METRON LABS, *Bangalore*  
*Deep Learning Using Convolutional Network*  
Worked on Image Classification project involving usage of Convolutional Neural Network for **Verification of a Person's identity** using the Image of his/her fingerprints. Through the Internship programme gained experience in coding in Python and using APIs like Keras and Tensorflow.

## EDUCATION

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AUGUST 2016 - Present | Master of Science in MATHEMATICS, **BITS PILANI**, Goa Campus  
GPA: 9.13/10. Department Rank - **3rd**

AUGUST 2016 - Present | Bachelor of Engineering in COMPUTER SCIENCE ENGINEERING, **BITS PILANI**, Goa Campus  
GPA: 9.13/10

## SCHOLARSHIPS AND CERTIFICATES

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JANUARY 2018 | Machine Learning by Stanford University on Coursera  
MAY 2018 | Deep Learning by Stanford University on Coursera  
JUNE 2019 | Data Science by IBM on Coursera

## LANGUAGES

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HINDI: Mother tongue  
ENGLISH: Fluent

## COMPUTER SKILLS

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Programming (Over 5000 lines): JAVA, C, C++, Python, MATLAB, Mathematica,  $\text{\LaTeX}$   
Skilled in: Excel, Word, PowerPoint, Linux, Ubuntu, GitHub

## INTERESTS AND ACTIVITIES

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Technology, Open-Source, Programming, Competitive Coding  
Machine Learning, Deep Learning, Computer Vision, Image Processing  
Cricket, Travelling, Reading novels.

## RELEVANT COURSEWORK

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Numerical Analysis , Numerical Optimization, Graph and Networks , Operational Research  
, Computer Programming , Linear Algebra , Number Theory , Cryptography , Probability  
and Statistics , Statistical Inference, Data Structure and Algorithms, Object Oriented Program-  
ming, Database Management.