

Nitin AGARWAL

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

PERSONAL DATA

PLACE AND DATE OF BIRTH: Kolkata, India | 03 November 1997
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WORK EXPERIENCE

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

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

MARCH 2017 | MCN Scholarship from the Institute (Rs 90,000)
OCTOBER 2017 | MCN Scholarship from the Institute (Rs 90,000)
MARCH 2018 | MCN Scholarship from the Institute (Rs 1,04,000)

LANGUAGES

HINDI: Mother tongue
ENGLISH: Fluent

COMPUTER SKILLS

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

INTERESTS AND ACTIVITIES

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

RELEVANT COURSEWORK

Numerical Analysis , Numerical Optimization, Graph and Networks , Operational Research ,
Computer Programming , Linear Algebra , Number Theory , Cryptography , Probability and
Statistics , Statistical Inference.