

# ABHISHEK MISHRA

## Computer Science Undergraduate

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## EDUCATION

Bachelor of Technology, CSE

Manipal Institute of Technology, Manipal

07/2017 - Ongoing

- Majoring in CSE with a keen interest in Algorithms, Network Security and Data Science.
- 3-time recipient of Director's medal.

CGPA

9.32 / 10

Higher Secondary

Ryan International School, Noida

04/2008 - 04/2017

- Graduated valedictorian in XII CBSE Board Examinations with **96% in PCM + Computer Science**.
- Vice President** of Student Council.

## EXPERIENCE

Research and Development Intern

IDEMIA

05/2019 - 07/2019 Noida

A French multinational company, specializing in security and identity solutions.

- Built an Emergency Vehicle Detection System to create a green corridor for them while navigating traffic.
- Employed technologies such as Tesseract, Vision API, Haar Cascade and YOLO to detect and classify vehicles and micro-controllers to switch signals.

## EXTRA-CURRICULARS

Managing-Editor

Manipal The Talk Network

04/2019 - Ongoing

**Manipal The Talk Network** is a student-run media organization operating out of Manipal. Also features a creative blog and an Instagram handle catering to artists, photographers, and writers.

- I currently lead a team of 100+ members while we generate content across various domains such as **politics, technology, and current affairs**.
- I previously served as the **Head of Writing** in the previous term with this organization.

Debating, Youth Conferences, Oration, and Quizzes

Multiple

Description

- Winner of Vigilance Awareness Quiz'16** organised by CVC, Government of India.
- All-Round **Best Student Award'16**
- High Commendation, INMUN'15** as Republic of Korea.
- 112** International Rank, State Rank **2** in **iOEL'14**.

## SKILLS

C/C++

Java

Python

Image Processing in OpenCV

MySQL

Assembly Programming

NumPy

Probability

## PROJECTS

Green Corridor for Emergency Vehicles

05/2019 - 07/2019

Employs Vision API, Tesseract and OpenCV to classify emergency vehicles and provide assistance in traffic navigation.

Integrated Travel Management System

01/2019 - 03/2019

GUI application with facilities to book flights and hotels across destinations. Used Twilio API to automate text messages, OTP and verification mail.

Research Paper on CRN

01/2019 - Ongoing

Paper focusses on the detection and mitigation of sinkhole attacks in Cognitive Radio Networks using Game Theory.

## CERTIFICATIONS



Python for Data Science

Issued by IBM

Certification ID-8LLBAQVKJKT2

## PASSIONS



Hindi and Urdu Poetry



International Law and Politics