

# NAMAN JAIN

Student, International Institute of Information Technology Hyderabad

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## EDUCATION

M.Tech - Computer Science and Engineering  
IIIT Hyderabad

📅 August 2020 – Present

B.Tech - Computer Science and Engineering  
Acropolis institute of technology and research, Indore

📅 June 2016 – August 2020

CGPA = 8.23

Higher Secondary (12th)  
Annie Besant School, Indore

📅 June 2015 – April 2016

Percentage = 78.8%

Senior Secondary (10th)  
Annie Besant School, Indore

📅 June 2013 – April 2014

CGPA = 9.4

## SKILLS

### • Programming Languages and IT Constructs

C++, Data Structures, Machine Learning, Deep Learning, Basics of Data Analytics using Python

### • Tools, Platforms and Libraries

Eclipse Ide, Git, Jupyter Notebook, Numpy, Pandas, SciPy, Matplotlib, Seaborn, Keras

## EXPERIENCES

Machine Learning Intern  
Codenscious Technologies, Indore

📅 October 2018 – April 2019 📍 Indore, India

- Worked on Regression, Image classification and Sentiment Analysis based projects
- Analyzed some datasets using various libraries
- Trained 5+ Machine Learning models including ANN and CNN
- Technology used : ML, Neural Networks, Image Classification

Web Development Intern  
Amstech inc, Indore

📅 Nov 2017 – April 2018 📍 Indore, India

- Worked on java based web-app development
- Created backend apis using design patterns
- Designed a relational database using mysql
- Technology used : Java, mysql

## PROJECTS

X-Ray Image Classification using CNN

- A ML based project which predict whether a person is suffering from pneumonia disease or not, by analysing his/her chest x-ray images (with 99% accuracy).

I-Scroll

- A minor implementation of leap motion, in which I used two ultrasonic sensors to detect hand movements and used python's pyautogui library to perform desired action.

Cortax - An AI Assistant

- An AI Assistant which helps to automate some tasks of computer. It gives info about current cpu utilisation, battery percentage, search queries, send emails, play songs, etc. It takes voice/text commands.

Malaria Detection using DeepNet

- An implementation of our research paper, which predict whether a person is afflicted from malaria by classifying RBC images with 96% accuracy.

Sentimental analysis on movie reviews

- It classifies user movie reviews in positive and negative class (by analysing sentiment of a sentence using neural network).

## ACHIEVEMENTS

- 97.3 Percentile in Gate-CSE 2020.
- 4 Star in Problem Solving on Hackerrank.
- Certified from Microsoft in Database Administration Fundamentals (MTA - 98364) and scored 96/100.
- Cleared 3 rounds with global rank under 500 in 3rd round of codechef snackdown 2019.
- Qualified 1st round of Google CodeJam 2019.
- Published a blog entitled "What are Outliers" on Medium's largest active publication "The Startup".
- Completed 7 courses of Data Science professional specialization by IBM on coursera

## PUBLICATION

Classification of RBC images using Deep Neural Network for Malaria Prediction

- Authors : Naman Jain, Moin Kazi, Riya Sahu, Prof. Kavita Namdeo, Prof. Shivshankar Rajput
- Publisher: IRJMETS, Vol 2, Issue 4, April-2020