

# Tanay Jha

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## EDUCATION

### NETAJI SUBHAS INSTITUTE OF TECHNOLOGY

B.TECH IN COMPUTER SCIENCE

Grad. May 2017

Dwarka, DELHI

Cum. Percentage: 80.2

### AHLCON PUBLIC SCHOOL

CLASS XII | CBSE-AISSCE

Grad. May 2013

Delhi, India

Percentage 96.2

### BAL BHARATI PUBLIC SCHOOL

CLASS X | CBSE

Grad. May 2011

Ghaziabad, India

CGPA 10.0

## LINKS

Website:// tanayjha

Github:// tanayjha

LinkedIn:// tanayjha

Codeforces:// tanay24

Codechef:// tanayjha

## COURSEWORK

### UNDERGRADUATE

Operating Systems

DBMS

Algorithms

Data Structures

Compilers

Software Engineering

Artificial Intelligence

Networking

## SKILLS

### PROGRAMMING

• C • C++ • Python • Scala

• JavaScript • Matlab

Familiar:

• HTML • CSS • Rails • MySQL

Platforms:

• Linux • Windows

## HOBBIES

- Competitive Programming
- Reading books • Cricket
- Playing Tabla

## EXPERIENCE

### SUMOLOGIC | SOFTWARE ENGINEER II

July 2017 – Present | Noida, U.P

- Experience in developing an extremely scalable system which handles 120+ PB of data per day.
- Worked on improving the performance and scalability of our cloud collection infrastructure. Worked closely with databases focusing on how to make them scale truly.
- Worked on preventing data loss and data duplication when dealing with large amounts of data without compromising on the performance of the system.
- Acquired working knowledge of various AWS services and other technologies like Kafka, Memcache, Zookeeper etc.

### SUMOLOGIC | SOFTWARE ENGINEERING INTERN

June 2016 – July 2016 | Noida, U.P

- Worked on efficient partition creation to avoid duplication of data in various partitions.

## PROJECTS

### TOUCHLESS TYPING | B.TECH PROJECT

Feb 2017 – June 2017 | NSIT, Dwarka

Worked with **Prof Sushama Nagpal** to create a system which can recognize characters fed into it using an IR emitter. The recognition is done using CNNs and an accuracy of 97% was achieved on the custom dataset. The paper was accepted and presented in MLN'2018.

### HOSTEL MANAGEMENT SYSTEM | HEAD BACK-END DEVELOPER

Feb 2016 – April 2016 | NSIT, Dwarka

Worked with **Prof S.P Singh** to create **NSIT HMS**, a single website for all the hostels of our college to automate all the work regarding hostel admissions and related services.

### AUTOMATIC TABLA PLAYER | UNDERGRADUATE RESEARCHER

Oct 2015 – Dec 2015 | NSIT, Dwarka

Lead the development of **Automatic Tabla Player**, a software to play Tabla on a given song with **Prof Shampa Chakrobarty** when provided with the bpm of the song.

### DIFFERENT PYTHON LIBRARIES

Jan 2015 – Present | Delhi

- Created a snake and apple game on the pygame library in python.
- Created a codeforces rating extractor taking as input the codeforces username of two user and plots a graph showing comparison of their rating.
- Created a spell checker which suggests three possible predictions for a misspelled word.

## AWARDS

2015	5 <sup>th</sup> /200	Scholarship Holder NSIT
2014	275 <sup>th</sup> /1534	ACM ICPC Amritapuri
2013	National	CBSE Scholarship(Top one percentile in Maths)
2013	4820 <sup>th</sup>	JEE Advance
2013	613 <sup>th</sup>	JEE Mains
2009	Regional	CBSE Science Exhibition