

Tanay Jha

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EDUCATION

NETAJI SUBHAS INSTITUTE OF TECHNOLOGY

B.TECH IN COMPUTER SCIENCE

Expected 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

Github:// [tanayjha](#)

LinkedIn:// [tanayjha](#)

Codeforces:// [tanay24](#)

Codechef:// [tanayjha](#)

COURSEWORK

UNDERGRADUATE

Operating Systems

DBMS

Algorithms

Data Structures

Compilers

Mathematics

Artificial Intelligence

Automata theory

SKILLS

PROGRAMMING

• C • C++ • Python • Scala

• JavaScript • Matlab

Familiar:

HTML • CSS • Rails • MySQL

Platforms:

• Linux • Windows

HOBBIES

- MOOCS- Courses: Algorithms Design and Analysis, Machine learning • Competitive Programming
- Reading books • Cricket
- Playing Tabla

EXPERIENCE

SUMOLOGIC | SOFTWARE ENGINEERING INTERN

June 2016 – July 2016 | Noida, U.P

- Worked on efficient partition creation to avoid duplication of data in various partitions.
- Created pictorial representation of amount of data coming from views and partitions.

RAMANAN CORPORATION | ALGORITHM DESIGNER

June 2015 – July 2015 | Hauz Khas, Delhi

- ASPIRE project back end automation: Automated the process of creation of back end database tables using waterline orm.
- Collaborated with the front-end developers to create the rules for CRUD operations and link the front-end widgets with the back-end.

PROJECTS

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 program 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 script which plays music if a wicket falls in a live cricket match. Extracted data from the espn website.
- Created a spell checker which suggests three possible predictions for a misspelled word. Converted to a desktop app using tkinter.

MACHINE LEARNING

Aug 2016 – Present | Delhi

- Created a handwritten digit recogniser using neural networks and the backpropagation algorithm to guess the written digit.
- Worked on various machine learning datasets using the scikit-learn python library

AWARDS

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