

## Gaurangi Tyagi

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Github: <https://github.com/2006-gt/>

### ACADEMIC DETAILS

Examination	Course/board	University/Institute/school	Year	Score
Graduation:	B.Tech(CSE)	Graphic Era Hill University, Dehradun	2020-24	9.09(ongoing)
Intermediate:	CBSE	Universal Academy, Dehradun	2019-20	76 per cent
High School:	CBSE	Universal Academy, Dehradun	2017-18	81.5 per cent

### INTERNSHIPS

- **Coding Ninjas**(September'2022 - till date)
  - Designation – Technical blog writing Intern
  - Roles and Responsibilities:
    - Write blogs on latest technology related topics.
  - Key takeaway - learned more about new technologies.
    - got a platform to implement my creativity and writing skills.

### TECHNICAL SKILLS

- **Programming Languages:** C, C++, Java, python.
- **Markup Language:** HTML
- **Database:** MySQL
- **Scripting Languages:** python, JavaScript
- **Tools:** Eclipse, VS code, Netbeans, Anaconda, pyCharm, Adobe XD
- **Operating System:** Windows, Linux, Ubuntu
- **Other skills:** Microsoft Office Suite, Canva.

### PROJECTS

- **Virtual Assistant**  
(Nov'22 - till date)
  - Objective: To create a personal assistant like Alexa. .
  - It will recognize the voice of user and perform basic functions like opening websites and applications, play music, do Wikipedia searches, send emails, give intelligent replies, etc.
  - Studied various concepts of python from YouTube and other resources to implement various functions.
- **website with face login system**  
(Guide: Prof. Chandradeep Bhatt , April'22 - July'22)
  - Objective: To create a website with an easier user authentication.
  - It can recognize the user through their facial features and also has a user-friendly interface.
  - Learned to implement my knowledge of python, html, css and javascript to implement this project.
- **Face recognition based attendance system**  
(January'22 - March'22)
  - Objective: To create an automated attendance system that can be used by various institutions.
  - It uses facial recognition technology to identify and verify a person, using their facial features and automatically marks attendance.
  - Learnt to use various libraries in python.
- **Stock Price Prediction Project Using Averaging and Linear Regression Techniques**  
(Guide: Dr. Vikrant , Nov'21 - Dec'21)
  - Objective: To make a software that can analyze large volumes of data, consider multiple parameters and make real-time predictions of stock market with much higher accuracy.

- Learnt about various machine learning algorithms which could be used for this project.
- Learnt about machine learning using python.

#### **CERTIFICATIONS/ADDITIONAL QUALIFICATIONS**

- Cyber security Essential - *(by Cisco)*
- Bot Developer(Automation 360) - *(by Automation Anywhere)*
- Network Virtualization Concepts - *(by VMware)*
- Microsoft Azure AI Fundamentals - *(by Microsoft)*
- Responsive Web Design in Adobe XD - *(by Google)*
- Basics of Managing Money – (by Train India)
- AI Foundations – (by IBM)

#### **ACHIEVEMENTS**

- Participated in CBSE Sahodaya MUN as a delegation of India in WHO committee and won the title of best delegate.
- Stood 1st in National Level Hindi Essay as well as Handwriting Competition.

#### **POSITION OF RESPONSIBILITIES**

- I was a part of student council in Universal Academy for three years:
  - In 2018: Editor In-charge.
  - In 2019: Vice Captain of Vayu House.
  - In 2020: Captain of Vayu House.
- I've been Class Representative for three consecutive years.
- I'm a member of Google developer students club, GEU.
- I've recently joined cyber security club, GEHU.

#### **EXTRACURRICULAR ACTIVITIES**

- Stood 1<sup>st</sup> in state level Best Out Of waste Competition.
- Participated and won several debate competition.
- I've taught English, math and science to students of up to class 12<sup>th</sup>
- Participated and won a number of intraschool sketching, painting and rangoli competitions.

#### **STRENGTHS**

- Creative thinking,
- Communication Skills,
- Comprehensive Problem Solving,
- Leadership qualities.
- Pressure Handling.

#### **INTERESTS AND HOBBIES**

- Solving Puzzles
- Sketching
- Learning new things
- coding

#### **LANGUAGES**

- English – Fluent.
- Hindi – Native.

