Nehal Gupta

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B.Tech - Information Technology
Maharaja Surajmal Institute of Technology,Delhi

EDUCATION

Year	Degree / Certificate	Institute / Board	CGPA/Percentage
2017 - Present	B.Tech	Maharaja Surajmal Institute Of Technology, Delhi	84.2
2016	Senior secondary	CBSE board	94.0%
2014	Secondary	CBSE board	9.4

EXPERIENCE

- **Machine Learning Trainee at Techienest** — *June 2019- August 2019*
  Trained in Machine Learning using Python and implemented major   data science libraries — *www.techienest.com*

- **Subject Matter Expert at Chegg** — *Sep 2018*
  Solve numericals and queries asked by students in Physics — *www.chegg.com*

PROJECTS

- **Jarvis chatbot(Python)** — *Ongoing*
  A basic chatbot that uses admin configuration using face recognition, tells weather and performs other user end operations using weather, wikipedia and other API's. Performs speech to text and text to speech conversion using pyttsx3 and speech_recognition.

- **Facial Bio metric attendance system(Python)** — *July-2019*
  A facial biometric attendance system using openCV, smtplib, pandas and face_recognition library that marks attendance using face encodings. — *bit.ly/2ZBSUoX*

- **Music player controlled using facial expressions (Python)** — *June-2019*
  Detects the face of the user and detects the expression using _miniXception_ and plays music accordingly. — *bit.ly/2Kv1GyN*

- **Banking system using C++** — *June 2018*
  Performs basic banking tasks like credit, debit, account information etc. — *bit.ly/2yNuxJ3*

TECHNICAL SKILLS

- **Programming languages :** C, C++, Python,Java, Matlab
- **Web technologies :** HTML, CSS, Javascript
- **Database management :** mySQL
- **Miscellaneous :** Data science and Machine Learning libraries in Python
- **Operating system :** Windows, Linux*

  Elementary proficiency

POSITIONS OF RESPONSIBILITY

- Head of Curation department at TEDxMSIT, 2018-19
- Content writer at TEDxDabri, 2017-18
- Event Coordinator at Avensis-2017

KEY COURSES TAKEN

- Machine Learning
- Python
- Computer Vision
- Advanced calculus
- Matlab
- Git

EXTRACURRICULARS

- **Anugoonj 2018:** Participated in music competition as a part of Mutants (Music society of MSIT)
- Attended various SIG's and workshops conducted within the college itself on cybersecurity, machine learning, competitive programming.