# Mohisha Mongia

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## Educational Qualifications

**Guru Gobind Singh Indraprastha University**                **Delhi, India**
B.Tech in Computer Science and Engineering **(SGPA 8.8)**     Aug 2024 – May 2028
**Manav Sthali School**                                      **Delhi, India**
Class 12, Central Board of Secondary Education               2024
Physics, Chemistry, Mathematics, Computer Science, English **(91.2%)**
**Manav Sthali School**                                      **Delhi, India**
Class 10, Central Board of Secondary Education               2022
Science, Mathematics, Social Science, Hindi, English **(97.8%)**

## Projects

**LightsSync**                                              **2024**

- Integrated python on a raspberry pi to show designs on a LED light strip
- Implemented using OOP concepts to add new light designs efficiently
- Built using multiple API's including public weather and other python modules

**Neural Networks**                                         **2023**

- Assisted in research for coin classification using neural networks
- Designed a convolutional neural network to pass pieces any image to compute a class output
- Leveraged python pandas for data cleaning to reduce sparse and noise to improve the model

## Skills

**Programming Languages:** Python, C++
**Query Languages:** SQL
**Cloud Platform**: AWS
**Libraries:** Python Pandas, Tensorflow

## Extracurricular Activities

**Secretary, Science Association**
Manav Sthali School
**Event Organiser and Anchor, Inter- Institutional Quiz Contest**
Manav Sthali School
**Head Girl, School Innovation Council**
Manav Sthali School

## Awards

**Best Oratory Skills**
Manav Sthali School