**Maahir Aggarwal**

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**Portfolio:** [**https://maahiraggarwal.github.io/Digital\_Portfolio/**](https://maahiraggarwal.github.io/Digital_Portfolio/)

**Education**

**Bluebells School International, Delhi INDIA** **CBSE Grade 9-12 Apr 2022 – Mar 2025**

* ***Relevant course work***-Physics, Mathematics with Calculus, Chemistry, English, Computer Science

**Class Rank**: Top 1 percentile. **AP 2024-25 courses:** Math, Physics, Chemistry, Computer Science

* ***Activities***

**Captain:** School Chess Team2017-2024

**President**- ENIAC (Computer and Tech) CLUB 2024

**Member**– STUDENT INNOVATION COUNCIL 2024

* ***Awards***2021-2024

Outstanding Performance in Academics Award

Sports Star Award

**Participant** – Encore Band Competition Shiv Nadar School, 2023, Think Summit 2024, SIH 2023 **Won** – 1st Position BSF Singing Context, Bluebells School International, 2023, 1ST Position Hackathon VIRUS 2023, Bluebells School International, 3rd Prize Compfest, Frank Anthony Public School, 2nd Prize TagED Tagore International School,2024

**Credentials**

* ***Programming*:** C, C++, Java, Python, HTML, CSS, JS, Django, MySQL 2021-2024
* ***Standardized Test***

SAT 1510, Math (790) EBRW (720), Dec 2023

AP Physics C Mechanics: 4, AP Physics 1: 4 May 2024

* ***Languages*:** English (native), Hindi (native)

**Additional Coursework**

* ***Kaggle****:* Machine Learning (Introduction, Intermediate), Participated in Spaceship Titanic, Housing Prices Competition for Kaggle Learn Users, Titanic - Machine Learning from Disaster 2023-24
* ***Codeacademy****:* Python 3 (Basics, Intermediate, Advanced), C Skill Path, Data and Programming Foundations for AI 2023-24
* ***Udemy***: Full Stack Development and AI with Python: Django, Technical Analysis Masterclass 2022-23

**Chess**

* ***FIDE*** (International Chess Federation) Ranked Chess Player **FIDE Rating: Classical-** 1536 **Rapid**- 1538 **Blitz**- 1563
* ***Tournaments***:

**1st Position**- CBSE Intra-Zone Championship, *Delhi* Aug 2024

**Top 100** in 29 Abu Dhabi International Chess Festival, *Abu Dhabi* Aug 2023

**1st Position**- CBSE Intra-Zone Championship, *Delhi* Aug 2023

**Top 100** National Rapid Chess Championship, *Nasik, Maharashtra* Apr 2022

Rejoice International Chess Tournament, *Mumbai, Maharashtra* Apr 2022

**1st Position**- Below 1500 category, GH Raisoni Memorial Chess Festival, *Nagpur* Jul 2022

**1st Position**- CBSE Zonal Championship, *Delhi* Oct,2018

**Music**

**Hindustani Classical Vocalist:** 3-year Diploma, Prayag Sangeet Samiti 2019-2022

**Internships**

* ***Forage*** 2024

Cognizant AI, PwC Switzerland Power BI, BCG Data Science, PwC Switzerland Digital Intelligence**:** Forage

* ***IBM Skills Build Technovation Internship*** 2022

**Projects**

* ***Websites Developed***

ENIAC website: - [**https://bbs-eniac.github.io/Virus-2024**](https://bbs-eniac.github.io/Virus-2024)2024

Webapp for upcycling clothes: 2024 <https://www.figma.com/proto/IHHjsJiiIqTrsBMyueTuCY/Untitled?t=Nei7atIi57m0D7Te-1>

For teaching Stock Market investing and trading: - 2024 [**https://maahiraggarwal.github.io/Stock\_Market\_Website/**](https://maahiraggarwal.github.io/Stock_Market_Website/)

* ***Nexeldyne Technologies, India*** 2024

**GPIO Projects: -** LED breathing effect, Water level detector, Touch control, Home automation, inter-processor comm., Time based automation

**Sensor projects: -** Ambient temperature, Motion detection, Human activity monitor, Colour matching device, Fan speed detector

**LIGHT/IR Projects: -** Automatic room lighting, Motion detection, intruder detection, home automation, TV control

**Cell modem projects: -** Sending/receiving SMS, Quiz application, Encrypted messages, Making voice calls, home automation

**PC interface projects: -** Make a piano, Automatic music player, Voice controlled interface, Face detection interface, Astronomical lighting, Oscilloscope/Voltmeter

**Miscellaneous: -** Clock, Calendar and Alarm, NFC access control, Bluetooth to mobile app, Person tracker, People counter

* ***Columbia University, USA*** 2021-22

**‘Centring the SDGs’ project**- presented my research on the present scenario and prospects of biofuel industry, followed by open house discussion.

Researched and developed an app providing information on the chemical pollutants in the Yamuna River and their effects on human health and crops.