Maahir Aggarwal

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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 Team	2017-2024
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 (Stock Market)   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
- *Nexeldyne Technologies* 2022

Projects

- *Websites Developed*
  My digital portfolio: **https://maahiraggarwal.github.io/Digital_Portfolio/**
  ENIAC website: - **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
- *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.