

Maahir Aggarwal

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Portfolio: https://maahiraggarwal.github.io/Digital_Portfolio/

Education

Bluebells School International, Delhi INDIA	CBSE Grade 9-12	Apr 2022 – Mar 2025
<ul style="list-style-type: none">▪ 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 – 1 st Position BSF Singing Context, Bluebells School International, 2023, 1 st Position Hackathon VIRUS 2023, Bluebells School International, 3 rd Prize Compfest, Frank Anthony Public School, 2 nd 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
- **Codecademy:** 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. **FIDE Profile:** <https://ratings.fide.com/profile/25139010>
- **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
Top 5- Below 1500 category, GH Raisoni Memorial International Chess Festival, Nagpur Jul 2022
1st Position- CBSE Zonal Championship, Delhi Oct, 2018

Music

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

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| • Forage | 2024 |
| Cognizant AI, PwC Switzerland Power BI, BCG Data Science, PwC Switzerland Digital Intelligence: Forage | |
| • IBM Skills Build Technovation Internship | |
| Certification projects in :- AI, VR, IoT, Cybersecurity, Password security, Plagiarism Detection | 2022 |

Projects

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| • Github: https://github.com/MaahirAggarwal | |
| • Kaggle: https://www.kaggle.com/maahiraggarwal | |
| • Websites Developed | |
| ENIAC website: - https://bbs-eniac.github.io/Virus-2024 | 2024 |
| Webapp for upcycling clothes: | 2024 |
| https://www.figma.com/proto/IHHjsJiilqTrsBMyueTuCY/Untitled?t=Nei7atli57m0D7Te-1 | |
| For teaching Stock Market investing and trading: - | 2024 |
| 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 |
| 'Centering 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. | |
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