

## 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
▪ <b>Relevant course work</b> -Physics, Mathematics with Calculus, Chemistry, English, Computer Science <b>Class Rank:</b> Top 1 percentile. <b>AP 2024-25 courses:</b> Math, Physics, Chemistry, Computer Science		
▪ <b>Activities</b>		
<b>Captain:</b> School Chess Team		2017-2024
<b>President-</b> ENIAC (Computer and Tech) CLUB		2024
<b>Member–</b> STUDENT INNOVATION COUNCIL		2024
▪ <b>Awards</b>		
Outstanding Performance in Academics Award		2021-2024
Sports Star Award		
<b>Participant</b> – Encore Band Competition Shiv Nadar School, 2023, Think Summit 2024, SIH 2023 <b>Won</b> – 1 <sup>st</sup> Position BSF Singing Context, Bluebells School International, 2023, 1 <sup>st</sup> Position Hackathon VIRUS 2023, Bluebells School International, 3 <sup>rd</sup> Prize Compfest, Frank Anthony Public School, 2 <sup>nd</sup> Prize TagED Tagore International School, 2024		

### Credentials

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| • <b>Programming:</b> C, C++, Java, Python, HTML, CSS, JS, Django, MySQL | 2021-2024 |
| • <b>Standardized Test</b>   |           |
| SAT 1510, Math (790) EBRW (720),   | Dec 2023  |
| AP Physics C Mechanics: 4, AP Physics 1: 4                               | May 2024  |
| • <b>Languages:</b> English (native), Hindi (native)                     |           |

### Additional Coursework

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

### Chess

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| • <b>FIDE</b> (International Chess Federation) Ranked Chess Player <b>FIDE Rating:</b> Classical- 1536 <b>Rapid-</b> 1538 <b>Blitz-</b> 1563. <b>FIDE Profile:</b> <a href="https://ratings.fide.com/profile/25139010">https://ratings.fide.com/profile/25139010</a> |           |
| • <b>Tournaments:</b>  |           |
| <b>1<sup>st</sup> Position-</b> CBSE Intra-Zone Championship, <i>Delhi</i>   | Aug 2024  |
| <b>Top 100</b> in 29 Abu Dhabi International Chess Festival, <i>Abu Dhabi</i>  | Aug 2023  |
| <b>1<sup>st</sup> Position-</b> CBSE Intra-Zone Championship, <i>Delhi</i>   | Aug 2023  |
| <b>Top 100</b> National Rapid Chess Championship, <i>Nasik, Maharashtra</i>  | Apr 2022  |
| Rejoice International Chess Tournament, <i>Mumbai, Maharashtra</i>   | Apr 2022  |
| <b>1<sup>st</sup> Position-</b> Below 1500 category, GH Raisonni Memorial Chess Festival, <i>Nagpur</i>  | Jul 2022  |
| <b>1<sup>st</sup> Position-</b> CBSE Zonal Championship, <i>Delhi</i>  | Oct, 2018 |

## Music

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<b>Hindustani Classical Vocalist:</b> 3-year Diploma, Prayag Sangeet Samiti	2019-2022
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## Internships

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| • <b>Forage</b>  | 2024 |
| Cognizant AI, PwC Switzerland Power BI, BCG Data Science, PwC Switzerland Digital Intelligence: Forage |      |
| • <b>IBM Skills Build Technovation Internship</b>  | 2022 |

## Projects

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| • <b>Github:</b> <a href="https://github.com/MaahirAggarwal">https://github.com/MaahirAggarwal</a>   |         |
| • <b>Kaggle:</b> <a href="https://www.kaggle.com/maahiraggarwal">https://www.kaggle.com/maahiraggarwal</a>   |         |
| • <b>Websites Developed</b>  |         |
| ENIAC website: - <a href="https://bbs-eniac.github.io/Virus-2024">https://bbs-eniac.github.io/Virus-2024</a>   | 2024    |
| Webapp for upcycling clothes:<br><a href="https://www.figma.com/proto/IHHjsJiilqTrsBMyueTuCY/Untitled?t=Nei7atli57m0D7Te-1">https://www.figma.com/proto/IHHjsJiilqTrsBMyueTuCY/Untitled?t=Nei7atli57m0D7Te-1</a> | 2024    |
| For teaching Stock Market investing and trading: -<br><a href="https://maahiraggarwal.github.io/Stock_Market_Website/">https://maahiraggarwal.github.io/Stock_Market_Website/</a>                                | 2024    |
| • <b>Nexeldyne Technologies, India</b>   | 2024    |
| <b>GPIO Projects:</b> - LED breathing effect, Water level detector, Touch control, Home automation, inter-processor comm., Time based automation   |         |
| <b>Sensor projects:</b> - Ambient temperature, Motion detection, Human activity monitor, Colour matching device, Fan speed detector  |         |
| <b>LIGHT/IR Projects:</b> - Automatic room lighting, Motion detection, intruder detection, home automation, TV control   |         |
| <b>Cell modem projects:</b> - Sending/receiving SMS, Quiz application, Encrypted messages, Making voice calls, home automation   |         |
| <b>PC interface projects:</b> - Make a piano, Automatic music player, Voice controlled interface, Face detection interface, Astronomical lighting, Oscilloscope/Voltmeter  |         |
| <b>Miscellaneous:</b> - Clock, Calendar and Alarm, NFC access control, Bluetooth to mobile app, Person tracker, People counter   |         |
| • <b>Columbia University, USA</b>  | 2021-22 |
| <b>'Centring the SDGs' project-</b> 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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