Research project -

This project was a very significant and difficult undertaking for me, as it was the first time I had ever done formal research. But I learnt a lot from the process, including Python (for which I also did a course before starting research) and machine learning (which I taught myself through youtube and other resources), problem solving and critical thinking, writing a formal scientific paper, peer-review process, etc. Throughout the project I was collaborating with a mentor (also a co-author), which significantly helped me in the process. I learnt the benefit of discussing ideas and getting things reviewed. Another very big learning was how to present research, since I also had to present my research paper at a conference (ICECET 2022).

The difficulties I faced were mostly due to my inexperience in machine learning, where I was unable to get models to perform accurately. I overcame this by rigorous research and spending a lot of time on experimentation. It was also the first time I was writing a paper, so my first-draft was very poor, but through multiple revisions and suggestions, I was able to produce a paper that got accepted in the conference. I also learnt about the importance of citation and academic honesty in formal research.

If I had to do it again, I would probably spend more time doing research and learning before starting the experimentation itself. Overall, it was a great experience in which I learnt a lot and benefited from at having my paper accepted and published.

Evidence - https://ieeexplore.ieee.org/document/9873073

Volunteering at Convocation -

In this experience, I volunteered in the convocation of the batch of 2023. I helped seat guests, distribute gifts, and organise the venue before the event. It was a fun group event, where I learnt a lot about event-management, and also worked upon my communication skills. Throughout the event, I had to ensure that I completed my responsibilities, was well-behaved, and listened to group-leaders and teachers. Doing this also helped inculcate discipline and maturity in me.

Something I realised after the event was that I had not been in touch with group-leaders as to what I had to do, which sometimes led to delays in my work. Since then I have tried to improve upon this by always ensuring that expectations are clear before starting any work, and not being afraid to ask questions.

Evidence Doc -
https://docs.google.com/document/d/18r_rKfUwXMTR2wVqgxiv70jD2rcV5piHOOLBraZegCk/edit?usp=sharing

Subhalaxmi Iyer <Subhalaxmi.Iyer@fountainheadschools.org>
to Mana, Riya, Tabassum, Arham, Anushka, Aayushi, Arjun, Jiaa, Anushree, Divisha, Kanika, Kashvi, me, Krisha, Kriti, Lubna, Mahi, Mehak, Parth, Piya, Saksham, Shyna, Srija, Swayam, Swechha, Viha, Miti, J

Dear children,

I know you have got your gratitude mails and the coveted green flag, but this mail is to say a few things to all of you. First, I apologise for forgetting to mention you on stage. That was a huge m

You guys all did a stellar job during the Convocation. This was a pilot for us also to involve G12 in managing bits of the event and you made it a success.

Thank you so so much being on your best behaviour throughout and giving it your best.

For those who could not join because they were unwell, I hope you get better soon.

To Krish i hope you did well in your IELTS.

To the core committee team, a big thank you and a big hug for managing things well at your end. You guys rocked - from the meetings to the mails sent to the to the final day instructions to the team as well as the ALT commended your work.

To the social media girls, you did a fab job. Thanks so much and do tag me on the posts on _mom_writes_ or send it all on Google drive. I would love to see the interviews.

And to Mana, you were awesome, my darling. Took me back to my dancing days. Thank you for that.

To Tabassum maam, you were my rock this entire time. Can't thank you enough for the work you put in.

...

Date: 16/Jul/2022 - 14:58

Grade-Section: Grade 12 - Equilibrium

Observed By: Bhargavi Bergi

Observation Category: Behavior, Character and Interests

Sub Category	Attribute
Demonstrates A School Value	Responsible

Details of the incident : It is necessary to commend you for how successfully you handled the responsibilities that were given to you during the convocation event. We were able to successfully execute the event thanks to your help. Amazing work.

Action taken / Suggested action : Amazing work.

Green flag comment

Exceptional work completed with total ownership. Gratitude.

Observation Summary

Environmental Blog -

I have published a blog on Medium, where I talk about environmental issues of global and local significance. My intention was to spread awareness of these issues, and I feel that my blogs do fulfil that to a large extent. I have also been able to communicate about solutions to these problems that individuals can implement at a personal level. In writing these blogs, I have learnt a lot myself since I had to do extensive reading and research before writing.

The major challenge I faced was that very few people read my blog since I was a first-time writer. I tried to overcome this by SEO and sharing on social media, but only got limited success. However, I hope to continue writing and eventually have enough posts that my work starts getting noticed.

Another challenge I faced was that I started out strong by publishing a post every 2-3 weeks, but over-time due to time constraints I was unable to meet this deadline. I hope to improve my time-management skills and be able to write frequently again.

Evidence - https://medium.com/@s.krish.patel1/wildfires-what-how-why-bd84f94cc6f2