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Discuss a popular stereotype that you believe people might have about YOU. Please explain what you believe to be the roots of this stereotype (based on your own experiences and/or research), and discuss how you would actually define or describe yourself as compared to this view.**(200-400 words)**

One of the most common stereotypes that people have about me is that I am a workaholic person and am only engaged in my projects working on the computer; programming & studying the whole day.

The primary reason for this stereotype is ***because I have won many hackathons*** & been a part of National Olympiads. I also work on projects involving electronics, robotics, IoT, etc which is not really difficult but unexplored among my peers, they feel that it's ***something very*** sophisticated and what I am doing is much beyond the limit of a high school student.

It's just that I started early and found my passion when I wanted to learn & explore more, beyond the curriculum and that is the reason I engage myself in these projects. ***It's not that I am often completely engaged in such projects and am working on these the entire day; rather in my free time, I like to explore new stuff*** which fascinates me. I love spending time playing Kabaddi, Football and Cricket with my friends and spend time with nature along with binge-watching movies. I also love having philosophical discussions with my friends & knowing more about Indian mythology. I do cycling regularly around 20km daily (avg).

My classmates also feel that I study the whole day ***because I read textbooks of higher*** classes and also get good marks, especially in Science subjects. My curiosity & tendency to understand concepts at a greater depth which may not be in the scope of my school syllabus gives me confidence & hence I don't feel the need to study much for my regular school exams.

The other thing that people perceive about me is that I show-off my knowledge in class because I ask a lot of questions, which may be related to the ongoing topic but generally not in the scope of high school. The actual reason behind it is that, especially in subjects like Physics, Maths, or Geography, I like to learn new concepts & their applications which are not conventional but seem complicated & unnecessary. It is out of my inquisitiveness I try to clarify those while learning and I personally believe that one is always a learner for life and I want to be an enthusiastic one.

We want to learn more about your background, beliefs, values, and/or the important people in your life.

Also mention philosophical aspects in science

Please tell us about something that has influenced you and articulate how it has shaped you.

(200 words)

My philosophy about life changed by learning about Indian mythology & listening about it from my father. I developed my thinking towards various topics like purpose of life, death-the ultimate truth. I realised materialistic things will never give happiness but satisfaction will. I believe that we end up making life more complicated in an attempt to make simple things simpler.

One personality who has greatly influenced me is Dr.A.P.J. Abdul Kalam. His humble nature despite having been the President_of_India & a great Scientist makes me admire him. I learnt from him the

perspective of solving real problems in people's lives and creating impact is what defines success because bringing happiness in others' lives gives satisfaction. That motivated me to work on my StartUp-ThingFinder(To help Alzheimer patients keep track of their day-to-day objects)& in my entrepreneurial journey ahead.

In Class-7 I attended a workshop on Robotics which made me curious about Hardware_&_Software integration.It was my parents who not only supported me financially but also encouraged me to explore.

When I was deceived by a highly-skilled teammate, I learnt a lesson that having teammates who resonate with each other is more important than having skilled people with unmatching ideas.This helped me in hackathons where I teamed-up with diverse teammates & even won!

If you could travel anywhere in the world, where would you go and why? Please note that this does need to be a real, current place, not fictional place nor a historical place that no longer exists. (280 Characters)

I would love to visit Meghalayan rainforest ***region.I want to be more connected to nature,spend time away from city buzz,meditate,learn from*** locals and tribals the art of leading a simple yet happy life by having nature as part of family,and also discover the mystics of nature.

If you could have a conversation with a fictional character from a book, film, short story, or any other literary work, who would it be and what would you talk about? (280 Characters)

I would like to converse with Miller from the poem "Miller of the Dee" by Charles Mackay.I want to learn from him the secrets of living a simple life with just minimal resources,finding happiness in small things,treating everyone with compassion,having gratitude,& not being envious.

Please explain why you chose the session(s) above, including your reasoning for how you ranked each session. (100 Words)

SGC is first preference because of its interdisciplinary approach for solving problems & focus on making an impact attracts me. My entrepreneurial approach developed with startups solving-SDGs & working with diverse-teams. To further furnish my skills in impact-oriented thinking for solving_global_challenges by understanding various perspectives from diverse backgrounds & contribute my bit. IST is second choice because of my inquisitiveness to learn about technology and innovation in the field. My work on hardware_&_software-based tech & entrepreneurship since past 4/5 years makes me chose SGC over IST as it focuses on "Why & What" part over "How part" of solutions & makes me a good-fit. My_third_preference_is_ "LPC" _as_always_in_my_free_time_I_like_to_learn_more_about_history,_various_other_cultures,socialise_with_new_people_and_even_have_philosophical_discussions_with_friends_on_topics_from_education_to_the_purpose_of_life,etc.

I wanted to share about my recent developments in my projects, startup & other achievements in these months.

My work on startup Thing Finder towards helping Alzheimer patients and the elderly was featured on the UNICEF India social media channels as I was one of the few children selected for the take over of Unicef India

(<https://twitter.com/UNICEFIndia/status/1330020616662114304>), I have been also selected as a board member for YPAT (by NCEF) where I will be in the advisory team of youth who will work closely with government & various stakeholders for implementing and getting voices of youth in policy intervention as well.

Recently I am also selected among the top 100 projects across the nation to represent my research project Naqaab (toward health-sensing & persuasion via masks) at the IRIS National Fair, from which further 20 projects will be selected to represent India at Regeneron ISEF.

I have also recently bagged the runner up in the Global Student Entrepreneurship Awards EO Gujarat, & finalists for the Eureka Junior - IIT Bombay.

Also, my other venture & team Empower working towards tackling the issue of data bias in clinical research & trials has been selected for the MIT Black Tech Matters Accelerator program after winning in the MIT Hackathon.

I have been working on my various ventures trying to solve and tackle the problems related to healthcare, racism, emergency safety, and helping Alzheimer patient & elderly, these are some of the global challenges I have been working on to solve with my Entrepreneurial endeavor and initiatives, while even taking part in research projects and international hackathons.

My work has been also presented at UbiComp ACM-Conference. , also recently selected for HPAIR Virtual Harvard Conference 2021 as well. I also successfully co-organized the MIT PathFinders program under <https://vaccine.mit.edu> with PathCheck.

My all of the recent developments in the startup, detail of projects, hackathons, and other work can be viewed on

<https://aabhass.in/about-me-aabhas-senapati> .

LinkedIn - <https://linkedin.com/in/aabhassenapati>

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SHORT ANSWER: We know students have many options for academic enrichment programs to which to apply.

Please explain why you chose to apply for YYGS specifically AND why you would be a great fit for the program. What will you contribute to YYGS, and what do you hope to take away from YYGS and bring back to impact your community? (100 words)

YYGS giving me opportunity to explore new things,work in diverse

teams, learn practical approaches towards problems & capstone to implement project with the team even after program finishes, fascinates me to apply. Suggestion by YYGS alumni & attending webinar excited me even more to apply. Through what I learn in the program I would collaborate with my peers to implement solutions for challenges in our community. My curiosity to learn & experience of working in

online engineering communities, 12+ Hackathons (winner in 6 of them) & pursuing to develop solutions that tackle real problems, makes me a great fit for the program. Working with teammates from 8+ countries and diverse backgrounds has also helped me develop new perspective to solve global problems.

About my work- <https://aabhass.in/about-me-aabhas-senapati/>

Please explain your responses above, including both your availability across all three session dates as well as your first choice session dates. (100 Words)

Although I am available across all the three-session dates, I have chosen the first one as my top preference because of the sheer excitement to be a part of YYGS, also I would not be facing any academic hindrance on those dates. Moreover, it's well said, "the sooner the better". In addition to that, maybe if I complete it earlier, I would have time to spare in summer to work and do progress on the capstone developed in YYGS & implement it., and also I may try to take part in other programs like LaunchX.

Awards

-Top 30 Student Innovator across Gujarat under Children Innovation Fest

Felicited by Chief Minister of Gujarat (Vijay Rupani), and UNICEF India Head (Yasmin Ali Haque) & other dignitaries for top 30 innovators

-Part of 12+ Hackathon & Winner of 3+ MIT Hackathons & various others

Selected by MIT, Yale, & Ivy in 12+ hackathons (like

HackMIT, Yhacks, IVYHacks, etc) Winner of MIT Covid 19 Challenge, MIT

Hacking Racism & HackMIT

-Startup recognition in newspaper , Incubation& Grants
My Startup ThingFinder selected for Incubation at GUSEC, article abt startup published in NewsPaper& granted by government INR 200000(\$2700)

-IITGn Research Project(Naqaab)published in ACM conference(UbiComp)
Research Project with IIT Gandhinagar professor published (<https://doi.org/10.1145/3410530.3414403>)& rewarded member of Element14 Community

-Represented & Speaker at various international summits
Speaker at ESummit,IITBombay,represented at MakerMela(Largest in Asia)&Vibrant Gujrat Startup Summit& also interacted with Ministers of Gov

Activities

- Problem-Solving & Entrepreneurship
Developing solutions(even startup)to solve various problems around Founder(Startup - Thing Finder),Hacker & Community member(project)

Working on tech-based products to bring out in real-world for helping people & impact their lives(by startup & hackathon projects)

My journey with making projects to solve some problems around me started,when I had developed tech-skills took part on Element14 Community,where I developed the projects for theme "Design for Cause",on realising its true need in real-world,I got one of the projects incubated and started to work on it as a startup,this was beginning for development of entrepreneurial mindset to solve some of the global problems of Mental Stress,Alzheimer,Emergency-safety,Structural-racism,etc.It's the most meaningful activity for me because of the sense of fulfilment got by contributing to help someone,opportunity to make connections by networking with people around the world&,learn new perspectives from them.

- Volunteering in School & ISKCON
Part of "Joy of Giving" initiative of school for community service work with orphanages & also serving food to needy with ISKCON
- research projects & Working on passion

Work on Hardware projects with IoT, electronics, etc. be it research-internship with a professor or making as a hobby in hackathons

Please describe your demonstrated financial need, including any circumstances regarding your household financial status that we should take into account when your financial aid application is reviewed.

Coming from a middle-class Indian family, my financial resources are very limited. My Father works in a private company, and my mother is a home-maker, therefore, my father's salary is the only source of income for the family. A major part of the income is spent on the education of me and my sister. Fulfilling the home-loan is a crucial part of expenditure, which cannot be exempted.

Participating in various hackathons, workshops and competitions demand a lot of resources, yet I have not spent more than \$100 of my parent's money till now. Initially even buying components was not viable. Then gradually I got support from school and started winning some prize money and received grants. Now, in order to participate in competitions and to buy hardware parts related to robotics, I use my prize money. This way, I can manage to purchase hardware resources on my own without adding to the financial burden on the family.

I believe that YYGS is an excellent opportunity for me to groom my skills and contribute to create an impact in the world. The tuition fee for the summer program is almost double the total annual income. Therefore, I would require this aid to avail the program without financial constraints.

Please explain what information this Tax Return supporting documentation provides and what currency amounts are shown - either in foreign currency (please specify) or U.S. Dollars (USD).

From the attached document of 2019 tax return it can be inferred that the total income is INR 370,740(equivalent to \$5000). And after total deduction, which is the amount spent on education and loans, INR 171,160(equivalent to \$2300) is left.

From the attached document of 2020 tax return it can be inferred that the total income is INR 401,549(equivalent to \$5400). And after total deduction, which is the amount spent on education and loans, INR 191,549(equivalent to \$2600) is left.

This leaves no room for any excess expenditure(as the remaining money is also difficult for all household expenditure throughout the year), let alone savings.

Please explain your tuition response (above). We encourage you to share as much information as possible about what you and/or your family could or could not contribute and why.

A major part of the income is spent on the education of me and my sister and home-loan, leaving very little savings. Therefore, even \$200 is a huge amount to spend. I do not want to miss this exemplary opportunity just over monetary limitations. Thus, receiving aid is crucial and much required.

For students whose native language is not English, please describe your experience with all aspects -- reading, writing, listening, and speaking -- of the English language. Examples of experience are formal schooling, immersion program, life experience, etc. (200 word max)

I have been learning English in my school as a subject since the past 11 years, and also English is the medium of knowledge being imparted to us. Writing and reading skills of English have been part of the rigorous curriculum(ICSE has special focus on English) in our school itself be it the novels by Shakespeare or poems by Wordsworth. Other than school curriculum I have been taking part in MUN's, debate competitions, etc which have helped me also improve my speaking skills. While in recent years I have been pitching my startup to various people at summits, exhibitions & even in international hackathons like

MIT COVID-19 challenge where pitched & lead my team to win, these experiences of 10+ international hackathons of working with 8+ different countries to collaborate over weekends has improved my English conversational and speaking skills drastically and justifies my fluency as well. Other than English I know some other languages like Hindi, Oriya, Japanese, French, Gujarati as well.

--Please summarize how you heard about YYGS in your own words.

I first heard about YYGS on a youtube video with some past YYGS participant sharing experience but didn't know much about the program at that time. Then after some time I also read more details about the program o website but couldn't apply as I was below age requirement , this year I had planned to apply , but what made me more dedicated to apply was that in one of my past hackathon MIT Covid19 Challenge BTP2, I was actually in same track with a past YYGS alumni "Nibrass Fathi" & actually talking to him, he actually encouraged me saying that I would be a great fit for the program & said that I must apply as well , also before application work attending those webinars made me much fascinated to apply for this amazing exposure.

--Please explain your connection with Yale.

Recently I am selected and am part of YHacks hackathon(Nov7 - Nov14) annually organised by Yale students , this year I am one of the 750+ students selected globally to be a part of it , and i am enjoying the experience of working students from Yale & various other universities in the world.

Plz check for more about my experience and work

<https://aabhass.in/about-me-aabhas-seapati>

Connect with me on

<https://linkedin.com/in/aabhasssenapati>

thi year i am selected to take part in it as i applied its very selective , reputed and online this year
then in recent YHacks I am part some of the Yale students also
Plz check for more about my experience and who

From the 2019 tax return,it can be inferred that the total income is INR 370,740(\$5000).After deductions for education of 2 children & loans INR 171,160(\$2300) is left.This leaves no room for any excess expenditure,let alone savings.Therefore,even \$50 is a huge amount to spend.I do not want to miss this exemplary opportunity just over monetary limitations.

SGC is first preference because of Its interdisciplinary approach for solving problems & focus on making impact attracts me.My entrepreneurial approach developed with startups solving SDGs & working with diverse teams .Thus to furnish my skills in impact-oriented thinking for solving global challenges by understanding various perspectives from diverse backgrounds & contribute my bit.IST is second choice because of my inquisitiveness to learn about technology and innovation in the field.I have worked on hardware_&_software-based tech fascinating me ,SGC was chosen over IST as the focus of SGC on “Why & What” part of solutions while that of IST being on "How".My work since past 4 years in tech & entrepreneurship makes me a good fit for this!

From the 2019 tax return,it can be inferred that the total income is INR 370,740(\$5000).After deductions for education of 2 children & loans INR 171,160(\$2300) is left.This leaves no room for any excess expenditure,let alone savings. It is even very difficult to manage daily amenities with such a financial background

Coming from a middle-class Indian family, my financial resources are very limited. My Father works in a private company, and my mother is a home-maker, therefore, my father's salary is the only source of income for the family. A major part of the income is spent on the education of me and my sister. Fulfilling the home-loan is a crucial part of expenditure, which cannot be exempted.

Participating in various international hackathons, workshops and competitions demand a lot of resources, yet I have not spent more than \$100 of my parent's money till now. Initially even buying components was not viable. Then gradually I got support from school and started winning some prize money and received grants. Now, in order to participate in competitions and to buy hardware parts related to robotics, I use my prize money (due to which I end up using these completely towards my passion). This way, I can manage to purchase hardware resources on my own without adding to the financial burden on the family.

I believe that HPAIR is an excellent opportunity for me to groom my skills and contribute to create an impact in the world. By being part of this amazing conference, I am willing to learn and network with global leaders & problem solvers around the globe, and this will be an exponentially transformational exposure for me being a 16 year old High school student. Being part and even winning of many international hackathons & other events, I do realise importance of networking, which is a chief reason for me being excited to be part of this, along with learning from the mentors. Thus I am very eager and willing to be part of this.

Although even \$50 is a huge amount to spend. I do not want to miss this exemplary opportunity just over monetary limitations. Therefore I would be requiring the financial aid to be part of the HPAIR program.